



















TWENTY-SECOND ANNUAL REPORT

*Newark*  
OF THE

BOARD OF EDUCATION

OF THE CITY OF NEWARK,

*Reports*  
FOR THE YEAR 1878;

COMPRISING

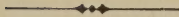
THE REPORT OF THE BOARD OF EDUCATION,

THE REPORT OF THE CITY SUPERINTENDENT,

REFERENCE AND STATISTICAL TABLES,

AND

THE REGULATIONS OF THE BOARD.



NEWARK, N. J.:

NEWARK DAILY ADVERTISER PRINT.

1879.

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*At a meeting of the Board of Education, held January 31, 1879, it was resolved that twelve hundred copies of the Annual Report should be printed in the English Language and five hundred in the German.*

*Attest:*

*C. A. STONELAKE,*

*Secretary.*



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PART I.



Report *of the* Board of Education

—FOR THE—

YEAR 1878.

# BOARD OF EDUCATION.

1879.

EDWARD L. DOBBINS, President.

WM. N. BARRINGER, City Superintendent.

C. A. STONELAKE, Secretary.

RICHARD E. HUNT, Superintendent of Erection and Repairs.

HENRY H. COOK, Messenger.

## MEMBERS.

Ward.	Names.	Place of Residence.	Place of Business.
1st.	{ DR. P. V. P. HEWLETT,	181 Plane Street,	181 Plane Street.
	{ EDMUND L. JOY,	26 Halsey Street,	152 Front Street.
2nd.	{ SAMUEL CRANE,	7 Grove Street,	Office, Overseer of Poor.
	{ JOHN S. HUGHSON,	25 Cedar Street,	225 Plane Street.
3rd.	{ GEORGE B. SWAIN,	117 Clinton Avenue,	3 Centre Wharf.
	{ JOHN L. MEEKER,	660 High Street,	192 Market Street.
4th.	{ EDWARD GOELLER,	41 Park Street,	17 Centre Market.
	{ BENJ. F. HEATON,	27 Park Street,	27 Park Street.
5th.	{ FREDERICK FINTER,	108 Congress Street,	91 Hamilton Street.
	{ R. L. CHAMBERS,	141 Prospect Street,	141 Elm Street.
6th.	{ ELISHA B. VLIET,	362 Bank Street,	230 Halsey Street.
	{ CHARLES G. RITCHIE,	247 Norfolk Street,	Howell's, New & Canal.
7th.	{ D. G. MILLER,	Bank, cor. Wickliffe,	Bank, cor. Wickliffe.
	{ T. DEVINE, JR.,	87 Hoyt Street,	Advertiser Office.
8th.	{ GEORGE W. SELL,	131 Fourth Avenue,	19 & 21 Green St., N. Y.
	{ WILLIAM SELBY,	92 Seventh Avenue,	90 & 92 Seventh Avenue.
9th.	{ DR. F. B. MANDEVILLE,	940 Broad Street,	940 Broad Street.
	{ EDW'D L. DOBBINS,	131 Orchard Street,	752 Broad Street.
10th.	{ JOHN R. WILLIAMS,	85 Pacific Street,	129 Oliver Street.
	{ JOHN J. HALL,	32 Nichols Street,	Jersey City.
11th.	{ J. IRVING DASHIELL,	7 S. Ninth Street,	58 & 60 Green St., N. Y.
	{ CHAS. H. MADISON,	124 Sixth Street,	1 Centre Market.
12th.	{ A. J. LIEBHAUSER,	156 Ferry Street,	156 Ferry Street.
	{ WILLIAM REILLY,	139 Lafayette Street,	139 Lafayette Street.
13th.	{ THOMAS H. HICKEY,	18th Ave. n. Springf'd	142 Broadway, N. Y.
	{ HENRY DILLY,	32 Morton Street,	32 Morton Street.
14th.	{ JAMES L. HAYS,	102 Clinton Avenue,	749 Broad Street.
	{ WM. C. KING,	62 Wright Street,	49 Franklin Street.
15th.	{ THOS. H. DICKINSON,	10 Nassau Street,	Ogden and Orange Sts.
	{ HENRY EMME,	28 Newark Street,	323 Market Street.



## STANDING COMMITTEES, 1879.

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- FINANCE—Commissioners Meeker, Sell, Miller, King, Ritchie.
- ACCOUNTS—Commissioners King, Goeller, Hickey.
- SCHOOL HOUSES—Commissioners Swain, King, Dickinson, Hall, Selby.
- REPAIRS—Commissioners Madison, Vliet, Williams, Miller, Heaton.
- HEATING—Commissioners Crane, Dickinson, Selby, Reilly, Madison.
- TEACHERS—Commissioners Mandeville, Swain, Joy, Dashiell, Chambers, Hays, Williams.
- NORMAL SCHOOL—Commissioners Dashiell, Emme, Hays, Devine, Dilly.
- HIGH SCHOOL—Commissioners Hays, Hewlett, Mandeville, Goeller, Ritchie.
- EVENING SCHOOLS—Commissioners Goeller, Dilly, Hughson.
- COLORED SCHOOL—Commissioners Emme, Finter, Liebhauser, Heaton, Crane.
- TEXT BOOKS—Commissioners Joy, Meeker, Hall, Sell, Hickey.
- FURNITURE—Commissioners Vliet, Finter, Heaton.
- PRINTING—Commissioners Sell, Emme, Devine.
- SANITARY REGULATIONS—Commissioners Hewlett, Hughson, Reilly.
- BOUNDARIES—Commissioners Williams, Hickey, Meeker, Hughson, Liebhauser.
- RULES—Commissioners Chambers, Swain, Dashiell, Crane, Hewlett.
- COMMITTEE ON PUBLIC SCHOOLS OF THE COMMON COUNCIL—Aldermen Hawkins, DeVoursney, Colyer.

# STATISTICAL RECORD

OF THE

Board of Education of the City of Newark.

FOR THE YEARS 1878 AND 1879,

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NAMES OF MEMBERS WITH THE YEARS IN WHICH THEY HAVE  
SERVED RESPECTIVELY.

CHAS. A. GROSSMANN, 1866-7-8-9-'70-1-2-3-4-5-6-7-8  
GEO. B. SWAIN.....1871-2-3-4-5-6-7-8-9  
F. B. MANDEVILLE.....1872-3-4-5-6-7-8-9  
HENRY EMMÉ.....1872-3-4—6-7-8-9  
WM. D. COWAN.....1873-4-5-6-7-8  
WM. C. KING.....1873-4-5-6-7-8-9  
SEYMOUR TUCKER.....1861-2—1874-5—7-8  
THEO. C. HEWSON.....1875-6-7-8  
EDWARD L. DOBBINS.....1875-6-7-8-9  
P. V. P. HEWLETT.....1876-7-8-9  
SAMUEL CRANE.....1876-7-8-9  
E. B. VLIET.....1876-7-8-9  
D. G. MILLER.....1875 3 mos.—1876—8-9  
GEO. W. SELL.....1876-7-8-9  
JAS. L. HAYS.....1876-7-8-9  
EDMUND L. JOY.....1877-8-9

JOHN L. MEEKER.....	1877-8-9
R. L. CHAMBERS.....	1877-8-9
AUGUST KRAEUTER.....	1877-8
PATRICK McMANUS.....	1877-8
SAMUEL L. BUCK.....	1877-8
CHAS. H. MADISON.....	1877-8-9
PETER DALLAS.....	1877-8
EDWARD GOELLER.....	1878-9
FREDERICK FINTER.....	1878-9
J. IRVING DASHIELL.....	1878-9
ANDREW J. LIEBHAUSER.....	1878-9
THOMAS H. HICKEY....	1875 3 mos.—1878-9
THOMAS H. DICKINSON.....	1878-9
JOHN R. WILLIAMS.....	1878 7 mos.—1879
JOHN S. HUGHSON.....	1879
BENJ. F. HEATON.....	1879
CHARLES G. RITCHIE.....	1879
TERENCE DEVINE, JR.....	1879
WM. SELBY....	1879
JOHN J. HALL.....	1879
WM. REILLY.....	1879
HENRY DILLY.....	1879

#### PRESIDENTS OF THE BOARD.

STEPHEN CONGAR.....	1851-2-3-4
SAMUEL H. PENNINGTON....	1855-6-7-8-9-'60-1-2
THOMAS W. DAWSON.....	1863-4-5
WM. K. McDONALD.....	1866
FRED'R W. RICORD.....	1867-8-9
EDWIN H. DAWSON.....	1870
WM. A. WHITEHEAD.....	1871
L. SPENCER GOBLE....	1872-3
SAMUEL A. FARRAND....	1874



ARAM G. SAYRE.....1875  
EDWARD L. DOBBINS.....1876-7-8-9

SECRETARIES OF THE BOARD.

JOHN WHITEHEAD.....	1851-2-3
FRED'K W. RICORD.....	1854-5-6-7-8-9-'60
GEO. B. SEARS..	1860-1-2-3-4-5-6-7-8-9-'70-1-2-4-5-6-7
C. ALBERT STONELAKE.....	1877 4 mos.—1878-9

## CITY SUPERINTENDENTS OF PUBLIC SCHOOLS.

STEPHEN CONGAR.....1853-4-5-6-7-8-9  
GEO. B. SEARS..1859-'60-1-2-3-4-5-6-7-8-9-'70-1-2-3-4  
[5-6-7.  
WILLIAM N. BARRINGER.. .....1877 4 mos.—1878-9

## Changes in the Board.

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MR CHAS. M. BENJAMIN, who had been elected as School Commissioner from the Tenth Ward, declined to qualify, and Mr. John R. Williams was appointed to fill his place at a meeting of the Board held May 31, 1878.

At the meeting held Aug. 30, 1878, Mr. Richard E. Hunt was elected Superintendent of Erection and Repairs, to fill vacancy caused by the death of Mr. EDWARD P. CLARK.

### OBITUARY.

MR. EDWARD P. CLARK, who was for nearly a year and a half an active and efficient Superintendent of Erection and Repairs, after a lingering illness of three months, died July 31, 1878, in the 46th year of his age. He was kind and generous in disposition; faithful and strictly conscientious in the discharge of his duties. At a meeting of the Board held August 31, 1878, the following resolutions were unanimously adopted:

WHEREAS, By the death of MR. EDWARD P. CLARK, late Superintendent of Erection and Repairs, the Board of Education is called upon to mourn the loss of a faithful officer; therefore be it

*Resolved*, That we recognize the efficient and arduous services which MR. CLARK has rendered to this Board and the Committees with which he was most closely connected, and would hereby record our appreciation of his zealous and patient application to his duties, of his uniform courteousness and genial manner in the pursuit of his labor, and of his excellent qualifications as a man and a citizen.

*Resolved*, That we hereby express to his bereaved family, our kindly and tender sympathy in this their great bereavement.

*Resolved*, That this preamble and these resolutions be entered at large in the minutes of the Board, and published in the daily papers of the city, and that a copy be sent to the family of the deceased.

Miss ALICE H. DURAND, for three years assistant teacher in Grammar Department of the Lawrence Street School, after an illness of but a few days, was taken to her final rest, Thursday, Jan. 9, 1879.

She was twenty-five years of age. Her life was a beautiful exemplification of the virtues of cheerfulness, patience, forbearance and forgiveness.

She was eminently faithful and conscientious in the discharge of her school duties.

In her death the school has lost an earnest teacher, and a sorrowing mother her only daughter.



REPORT  
OF THE  
BOARD OF EDUCATION  
TO THE COMMON COUNCIL.

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NEWARK, N. J., March 10, 1879.

*To the Honorable the Common Council of the City of Newark:*

GENTLEMEN—In accordance with the requirements of the City Charter and the Supplements thereto, the Board of Education would respectfully present the following report for the year 1878:

ESTIMATES, RESOURCES AND EXPENDITURES.

The following report, presented to the Board by the Committee on Finance, contains a complete and accurate account of the Estimates, Resources and Expenditures, of the Board of Education for 1879.

NEWARK, N. J., Jan. 31, 1879.

*To the Honorable the Board of Education:*

The Committee on Finance of 1878 would respectfully present the following report of the estimates, resources and expenditures, of the Board of Education for the year 1878:

During the month of January, 1878, the Committee on Finance prepared careful estimates of the probable resources and expenditures of the Board for the year. These estimates were adopted at the regular meeting of the Board in January, and were transmitted to the Common Council, in accordance with the requirements of the charter. They were thought to be as low as would be justifiable. Later in the year it was found that the State Appropriations would fall below the calculations about \$6,500.00 and as the Board received only \$55,000.00 from the Tax Ordinance, instead of \$67,500.00, the amount asked, the actual resources fell below the estimated about \$19,000.00. This necessitated a curtailment of expenses, and the only feasible way which presented itself was for the various Committees to make expenditures for only such matters as would admit of no delay, leaving until some future time many necessary items. By doing this, the Committee were enabled to bring the expenditures within the resources.

The accompanying table will show that under the heading of Salaries of Teachers, a considerable saving was effected. This was mainly due to two causes, viz:—it had been the intention to advance the work of introducing Drawing, so successfully begun during the previous year, but this was abandoned on account of the insufficient funds, and it was expected that several new schools would be put in operation during the year thus necessitating more

teachers, but this was also given up for the same reason. The expenditure for school books was kept so low that next year it will probably be much increased. More especially is this true in regard to the repairing of school houses, and it is probable that expenditures will be greatly increased in this particular during 1879. A considerable saving was effected in the item of Water, as the rate was reduced from \$1.12½ per 1000 ft. to 40c. during the year.

The same carefulness was manifested by all the Committees, yet despite every exertion the Board would have been unable to keep the schools open through the entire year, had not the Common Council advanced an additional appropriation of \$5,000.00, thus enabling the Board to complete the year with a balance in its favor of \$701.61.

### RESOURCES.

Balance from 1877.....	\$2,230 20
Amount overdrawn and returned. ....	18 32
Tax Ordinance.....	55,000 00
State Appropriations.—	
Two Mills' Tax. ....	131,985 50
Quota State Appropriation....	11,655 31—143,640 81
Appropriated by Common Council.....	5,000 00
Interest on Bequests (Keene & Sayre)	270 97
	<hr/>
	\$206,160 30

In addition to the above the sum of \$12,000.00 which was appropriated for building purposes in 1878, still remains to the credit of the Board.



## ESTIMATES AND EXPENDITURES.

	ESTIMATES.	EXPENDI- TURES.	OVER- DRAWN.	UNDER- DRAWN.
Salaries of Teachers.....	\$165,500.00	\$160,533.66		\$4,966.34
“ Officers .....	3,925.00	3,858.33		66.67
“ Janitors .....	10,500.00	10,000.74		499.26
School Books and Stationery	9,000.00	5,900.47		3,099.53
Heating Apparatus.....	3,000.00	2,447.83		552.17
Fuel.....	6,000.00	4,059.74		1,940.26
Furniture and Supplies.....	3,000.00	2,832.42		167.58
Rents .....	1,150.00	1,205.83	\$55.83	
Repairs .....	10,000.00	8,716.81		1,283.19
Insurance.....	1,300.00	1,204.64		95.36
Assessors .....	2,000.00	1,962.50		37.50
Gas.....	500.00	268.88		231.12
Water.....	1,700.00	861.24		838.76
Printing .....	1,750.00	1,421.35		328.65
Incidentals.....	450.00	184.25		265.75
Totals.....	\$219,775.00	\$205,458.69	\$55.83	\$14,372.14

Total Resources.....\$206,160.30

Total Expenditures ..... 205,458.69

Balance to carry to 1879..... \$701.61

[Signed.]

JOHN L. MEEKER.

J. L. DASHIELL.

GEO. W. SELL.

D. G. MILLER.

} Committee  
on  
Finance.

TABLE OF EXPENSES OF THE VARIOUS SCHOOLS FOR 1878.

SCHOOLS.	Salaries of Teachers.	Salaries of Janitors.	School Books, Stationery and Printing.	Heating and Fuel.	Repairs.	Furniture and Supplies.	Water.	Miscellaneous.	Total.
Normal School.....	\$538.50	\$60.00	\$83.01	\$329.41	\$194.31	\$651.16	\$139.38	\$107.38	\$891.19
High School.....	18,935.50	438.30	507.47	137.10	257.63	39.75	32.54	88.29	16,192.81
Burnet Street Grammar School.....	4,950.00	240.00	238.02	137.09	257.65	39.75	32.54	88.30	5,963.33
Burnet Street Primary School.....	4,452.77	240.00	74.96	137.09	102.85	53.82	32.54	20.00	5,293.06
State Street Primary School.....	3,135.79	360.00	75.77	119.03	102.85	13.56	.....	210.00	3,876.30
James Street Industrial School.....	1,368.72	.....	56.23	45.13	2.91	109.41	.....	.....	1,696.35
Market Street Primary School.....	4,939.85	360.00	92.24	212.81	252.19	109.41	16.00	30.00	6,012.50
Washington Street Grammar School.....	4,814.84	240.00	182.61	127.47	77.73	10.68	19.99	68.60	5,541.96
Washington Street Primary School.....	2,768.37	240.00	90.65	127.50	75.24	7.72	19.99	68.60	4,398.07
Lawrence Street Grammar School.....	4,280.83	240.00	239.29	107.10	57.45	22.03	96.60	40.00	5,033.30
Lawrence Street Primary School.....	3,717.67	240.00	140.07	107.09	57.45	22.03	96.60	40.00	4,420.92
Commerce Street Colored School.....	2,043.99	180.00	166.03	56.21	47.42	21.05	15.00	3.20	2,538.90
Commerce Street Grammar School.....	4,453.46	240.00	230.21	130.84	186.30	22.52	22.50	11.00	5,296.83
Lafayette Street Primary School.....	4,358.27	240.00	110.81	130.84	186.32	22.52	22.50	11.00	5,032.26
Lafayette Street Intermediate School.....	2,363.51	120.00	217.11	62.94	83.48	22.18	8.75	23.48	3,041.65
Newton Street Primary School.....	7,095.87	360.00	113.62	168.76	240.58	65.48	21.25	70.45	8,156.01
South Teuth Street Primary School.....	3,787.17	360.00	115.61	317.72	417.21	51.13	12.00	25.60	5,086.44
Wickliffe Street Primary School.....	3,048.07	405.00	112.68	151.62	252.41	162.50	7.50	10.00	4,450.08
Webster Street Grammar School.....	3,919.98	240.00	300.98	224.78	200.04	27.18	15.00	23.94	4,951.90
Webster Street Primary School.....	3,775.12	240.00	106.74	224.79	200.10	27.17	15.00	23.94	4,612.86
Summer Avenue Primary School.....	695.19	180.00	13.17	25.91	16.36	13.62	20.08	400.00	1,364.88
Elliot Street Primary School.....	1,479.06	183.75	69.55	58.04	105.37	25.23	.....	7.20	1,938.50
Chestnut Street Grammar School.....	5,612.33	240.00	216.52	139.26	91.71	23.83	30.00	22.00	6,365.20
Chestnut Street Primary School.....	4,391.43	240.00	140.67	139.28	91.70	23.40	30.00	22.00	5,068.48
Oliver Street Grammar School.....	4,809.03	240.00	279.29	147.46	199.10	77.81	15.00	17.18	5,784.42
Oliver Street Primary School.....	4,662.96	240.00	190.45	147.44	199.13	77.80	15.00	17.19	5,489.47
Walnut Street Grammar School.....	3,878.87	360.00	106.30	196.56	384.31	37.32	.....	14.00	4,987.76
Thomas Street Primary School.....	1,174.10	180.00	8.69	46.05	116.76	22.51	.....	345.83	1,893.94

TABLE OF EXPENSES OF THE VARIOUS SCHOOLS FOR 1878.—CONTINUED.

SCHOOLS.	Salaries of Teachers.	Salaries of Janitors.	School Books, Stationery and Printing.	Heating and Fuel.	Repairs.	Furniture and Supplies.	Water.	Miscellaneous.	Total.
South Eighth Street Grammar School.....	3,702.38	240.00	943.64	470.78	108.89	46.12	8.00	40.00	4,959.81
South Eighth Street Primary School.....	3,916.65	240.00	65.92	470.44	108.91	45.10	8.00	40.00	4,895.02
North Seventh Street Primary School.....	1,630.25	380.00	49.88	46.23	60.48	15.18	.....	20.00	2,202.02
South Market Street Grammar School.....	2,958.89	160.00	190.15	115.63	385.21	36.78	3.67	13.34	3,803.25
South Market Street Primary School.....	4,935.47	330.00	182.20	231.77	770.37	73.59	6.33	26.65	6,546.39
Clover Street Industrial School.....	1,087.49	.....	8.74	53.96	4.37	75	.....	200.00	1,355.31
Morton Street Grammar School.....	4,997.74	240.00	258.53	197.18	158.69	32.65	26.80	24.00	5,935.63
Morton Street Primary School.....	5,506.22	240.00	102.81	197.19	171.06	31.79	26.89	24.00	6,299.96
Eighteenth Avenue Intermediate School..	1,448.01	80.00	128.30	107.70	92.81	4.74	4.58	13.34	1,809.98
Elizabeth Avenue Primary School.....	5,722.36	400.00	80.63	538.89	112.04	23.51	20.42	66.66	6,964.51
Central Avenue Grammar School.....	1,189.16	180.00	31.55	50.32	119.71	16.88	11.66	10.00	1,608.33
Central Avenue Primary School.....	3,536.23	160.00	222.92	98.81	30.42	12.41	12.50	26.66	4,089.36
Lock Street Primary School.....	5,239.87	330.00	117.89	197.70	60.73	22.62	17.50	53.34	6,029.65
Evening School, Lafayette Street.....	430.00	59.40	23.80	95.23	1,622.11	378.64	5.26	.....	2,614.44
Evening School, Morton Street.....	723.50	26.88	42.11	.....	.....	.....	.....	78.87	871.36
Evening School, Central Avenue.....	1,007.15	38.13	67.05	.....	.....	.....	.....	99.00	1,211.33
	691.49	29.38	27.92	.....	.....	.....	.....	28.12	776.91

All of which is respectfully submitted.

C. A. STONELAKE,

*Secretary.*

EDWARD L. DOBBINS,

*President.*



PART II.



Report *of the* City Superintendent

—FOR THE—

Y E A R 1 8 7 8.



# R E P O R T .

---

*To the Honorable the Board of Education of the City of Newark:*

GENTLEMEN—

In the discharge of my official duties as prescribed by Rule 9th of the Regulations of the Board of Education, I herewith submit to your Honorable Body the Twenty-second Annual Report of the City Superintendent of Public Instruction.

I can hardly realize that a year has passed since my first report was presented to you ; yet short as the year has been, I am conscious that some things have been learned and that some good work has been done, and some little improvement made in some, at least, of the departments of our Public Schools. Changes are not always progress in the right direction ; substantial and lasting improvements are always slow. Time is a positive and absolutely essential element in the solution of the problem of education.

In a special report made to the Board, Oct. 25, I stated that the Superintendent had made during the past school year to the Normal, High, Grammar and Intermediate schools, one hundred visits ; to the Primary schools, one hundred and sixty-nine ; to the Colored school, ten ; to the Industrial schools, nine ; total, two hundred and eighty-

eight. These visits were necessarily short; visits of inspection, perhaps, more than of examination. The information obtained through them will materially assist in forming a basis upon which our system of schools may be administered.

I wish the Board of Education and our citizens generally could see more of the schools and know more about them in their work, their struggles, their progress.

I am sure whatever knowledge of them the Board may possess, it can but be deepened, broadened and strengthened, by a closer contact with them.

I desire to say at the beginning that the Public Schools of Newark and of the country generally, never needed care, thoughtful consideration and earnest support, more than now.

It is claimed, and I think justly so, that public education is the foundation of our strength and prosperity as a nation. Now is a good time to substantiate this claim. The nation needs all the encouragement, support and elevation, that popular education can give. The Public School is the agency through, and by which the great body of the people receives its intellectual, moral and physical training. No other source of culture is so near the people, so available, so well calculated to accomplish the purposes of education. It seems to me that no effort, no sacrifice can be too great in support of this great system of public instruction in our country.

## TEACHERS.

I believe no deaths occurred among the active corps of



teachers during the past year. Very few changes and very few appointments were made.

The number of teachers in the employ of the Board at the close of the school year, last June, was 268, of which number 26 were males, and 242, females ; that is, but 9 per cent. of the teachers now in our schools are males. I think the limit in this direction has been pushed as far as the best interests of our schools will permit. We need the influence of both male and female instructors in the training of our sons and daughters.

The number of teachers employed in the Normal school was 3 ; in the High school, 13 ; in the Grammar schools, 90 ; in the Primary schools, 154 ; in the Industrial schools, 5 ; in the Colored school, 3.

The attendance of the teachers was excellent ; also the punctuality. I think I am safe in saying that the efficiency of the corps of teachers is steadily increasing, and with the improved and increased facilities for Normal training, we look for greater improvement.

## SCHOOL ACCOMMODATIONS.

The Board now occupies for school purposes 27 buildings located as follows :—

1st Ward.....	3	8th Ward.....	3
2d “ .....	1	9th “ .....	1
3d “ .....	1	10th “ .....	3
4th “ .....	2	11th “ .....	2
5th “ .....	1	12th “ .....	2
6th “ .....	2	13th “ .....	2
7th “ .....	1	14th “ .....	1
15th Ward.....		2	

Of these, four are rented, the balance are owned by the city.

The seating capacity of the above named buildings is shown in the following table:—

	GRAM. DEP'T.	PRIM. DEP'T.	TOTAL.
High School.....	252*	288*	540*
Burnet Street School.....	378	462	840
State " Primary School....		350	350
James " Indus. " ....		169	169
Market " Prim. " ....		514	514
Washington Street " ....	356	478	834
Lawrence " " ....	326	400	726
Commerce " Col. " ....			210
Lafayette " " ....	298	464	762
Newton " Inter. " ....	196†	878	1,074
South 10th " Prim. " ....		392	392
Wickliffe " " ....		364	364
Webster " " ....	324	388	712
Summer Avenue Prim. " ....		128	128
Elliott Street " " ....		148	148
Chestnut " " ....	422	496	918
Oliver " " ....	366	512	878
Walnut " Prim. " ....		434	434
Thomas " " " ....		140	140
South 8th " " ....	304	400	704
North 7th " Prim. " ....		356	356
South Market Street " ....	202	460	662
Clover Street Indust. " ....		100	100
Morton " " ....	386	622	1,008
Eighteenth Ave. Int. " ....	156†	744	900
Elizabeth " Prim. " ....		116	116*

Central Avenue School.....	268	560	828
Lock Street Prim. " .....		240	240
		<hr/>	<hr/>
Totals.....	4,234	10,813	15,047

\*252 in Male Dept; 288 in Female; Total 540 not included in the grand totals. †Intermediate Department.

The above statement includes three vacant rooms in North Seventh Street School, Eleventh ward, that will seat 175 pupils; one room in the Eighteenth Avenue School, Thirteenth ward, that will seat 70; two rooms in Lock Street School, Fifteenth ward, that will accommodate 130 pupils, and one room in the Primary building of the Commerce Street School, now occupied by the Colored School, that will seat 70 pupils; making an aggregate number of seats not now in use of 445. In addition to this another room on the ground floor adjoining the court in the Eighteenth Avenue building can be utilized, increasing the capacity of that house by some 60 to 70 seats. The Board will see by the above that there are now scattered about the city 8 unused rooms, not counting the six rooms in the old Commerce street building, with a seating capacity for 515 pupils.

The question very naturally arises, can these rooms be utilized? In answer I would say some of them can and will be very soon. Those in the Lock street building will probably, one or both, be needed at the April term to relieve portions of the First and Eighth Wards of Primary pupils. It is also probable that another class will be necessary at the beginning of the next term in the Eighteenth Avenue School.

The rooms not occupied in the North Seventh Street

School building, being so far away, I cannot see how they can be used until the increase of population in that neighborhood makes it possible, which at present seems not likely to be very soon. The increase in the attendance in the Primary Department of the Lawrence Street School will probably very soon make it necessary to use some of the vacant rooms in the Commerce Street buildings.

As I have hinted before a little judicious re-arranging of the Primary School districts will render easily available most of the now unused room.

I think that the policy, which seems to be outlined by the Board, of building small and easily accessible buildings in localities needing them, and grouping them about the larger schools for purposes of supervision and gradation, is a movement in the right direction, as effecting both the efficiency and economy of our schools.

The buildings rented are located as follows :

One in James street, First ward, for an Industrial School ; one in Summer avenue, Eighth ward, a branch of the Primary Department of the Webster Street School ; one in Thomas street, Tenth ward, for two Primary classes ; and one in Clover street, Twelfth ward, for an Industrial School.

More Primary class rooms will soon be needed in the Sixth, Eighth, Tenth and Fourteenth wards. I think some change in the boundaries of some of these districts can be made whereby some rooms now vacant can be used.

During the year closing June, 1878, there were twelve new classes organized, all Primary. In the Seventh ward, three ; in the Eighth, two ; in the Ninth, one ; in the Tenth, four ; in the Eleventh, two. These classes were all well attended, and did a most excellent work. The Board can hardly keep pace with the demand for Primary School



room. I trust, gentlemen, you will see well to it that they do not become so overcrowded as to destroy their efficiency. In my judgment no teacher should be expected to take charge for purposes of instruction of more than sixty pupils.

#### ENROLLMENT AND ATTENDANCE OF PUPILS.

In the Day Schools.....	18,474
Evening Schools.....	1,186
Normal School.....	94

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Total number enrolled.....	19,754
Increase in Day and Normal Schools. ....	718
Increase in Evening Schools.....	213

The enrollment, the average enrollment, the average attendance and the per centage of attendance, from September, 1877, to September, 1878, in the different grades of schools :

	Enrollment.	Average Enrollm't.	Average Attendance.	Per cent. of Attendance.
Normal School.....	94	81	73	90
High School.....	467	409	390	95.3
Grammar Schools.....	4,540	3,636	3,280	90
Primary Schools.....	12,820	8,519	7,754	91
Colored Schools.....	216	150	117	78
Industrial Schools.....	427	258	214	82.9
Totals.....	18,564	13,053	11,828	90

It will be seen by the above table that the general average per cent. for all the schools is 90, a very excellent showing ;

the highest, I believe, that has yet been attained. I think this is due in a large measure, if not entirely, to the recorded examinations and the monthly statistical reports that have been reported to the Superintendent and filed in his office for the use of the Board. The influence of a systematic and carefully recorded record of the work of the school is felt in every class of every department.

### OUR SCHOOL SYSTEM.

The system and gradation of our schools remain the same as last year. The Primary, Grammar, High and Normal Schools, cover the public school course of the city. We have one Normal School, one Training School, one High School, eleven Grammar Schools, twenty-three Primary Schools, two Intermediate Schools, two Industrial Schools and one Colored School.

#### PRIMARY SCHOOLS.

These schools had a very prosperous year. In the annual Report of last year, the Superintendent called attention to the crowded condition of some of the Primary classes. I am glad I am able to say that a very decided improvement has been made in this particular in many of these classes. It has been stated elsewhere in this Report that no teacher should undertake to instruct more than sixty or sixty-four pupils in any Primary grade, and it will be a great gain to our schools when our means will permit us to reduce even this number. There is no tendency perhaps more prevalent and injurious in our systems of instruction than that which would attempt to educate in mass, by wholesale. We

forget, I fear, that wholesome and profitable training is a matter of individuality. Mind must come in contact with mind; the personal power and influence of the teacher must be impressed upon each individual mind if we expect it to brighten and grow; this cannot be done if the teacher has a multitude for a class.

The attendance at these schools was excellent. The increased enrollment, average attendance and per cent. of attendance show that they were not neglected, that the teachers were faithful and active. With the improvements now being made in the Manual of Instruction whereby the work of each grade is being carefully graded and distributed, we expect to do still more and better work.

#### GRAMMAR SCHOOLS.

These also had a profitable year; the increase in enrollment, attendance and per cent. of attendance that characterized the Primary Schools was found here.

Under the rule of the Board requiring not less than forty pupils in a Grammar School class, the classes especially in the upper grades were more uniform in size, and the work, I think, more equally distributed among the teachers of the Grammar Department.

The Principals of all the schools have since January 1st, 1878, furnished to the Superintendent for the use of the Board, a Monthly Statistical Report, containing the membership, average attendance, number of cases of tardiness, and number of cases of corporal punishment in each class for that month. Also the cases of absence and tardiness from school and the Teachers' Institute, and the reasons therefore, of each teacher. This places within easy reach of the Board the condition and progress of our schools.

I think the grade of our Grammar Schools should be considerably advanced. The High School is as large as it should be, perhaps, for some time to come. With the increased facilities in the way of room and teachers in our Primary Schools, and the consequent better results we shall obtain, the pupils will enter upon their Grammar School course with much better preparation than in the past. It was stated in the Annual Report of 1877 that our Grammar School course contained four grades requiring four years to complete it. Pupils may, if found able to do so, outrun their grade and thus complete the course in less than four years. By the aid of an admirable system of term examinations which prevail now in all the classes, the pupils can show their fitness, at least three times a year, for promotion or demotion. I am, however, exceedingly cautious in recommending anyone to shorten the time of his school course. My experience has uniformly conducted me to this conclusion, that in the long run those who take the full course and spend the full time gain most and succeed best. Time is an element that cannot be ignored.

I would recommend that the Committee on Course of Study gives this question of graduation from the Grammar School and admission to the High School a careful and early consideration.

The class presented last June by the Grammar Schools for examination for admission to the High School was a large and very successful one. Two hundred and twenty-five of the pupils that were examined reached the required standard for admission. The average per cent., if I mistake not, was fully up to if not above any preceding class. This certainly speaks well for the teachers of the Grammar Schools, especially the Vice-Principals who are more directly



and largely responsible for the success or failure of this class than any other teacher.

The full record of this examination will be found on another page in this Report.

#### HIGH SCHOOL.

The attendance upon this school during the past year was excellent. The per cent. of average daily attendance was 95.5, a very high standard. As far as numbers and patronage can make it so, the school was prosperous. As was stated in the last Annual Report, it comprises three courses of study; a Classical Course of four years, an English and Scientific Course of four years and a Commercial Course of two years.

At the commencement exercises last June, six young men were graduated from the Classical Department, all of whom, I believe, entered college. Twelve young men graduated from the Commercial Department, most of whom, I learn, are engaged in various employments in the city and vicinity. This is the first class from this department. I think I can safely say that this course is meeting the wants of a large number of the patrons of the School.

Fourteen young gentlemen and forty-seven young ladies graduated from the English and Scientific Department, making from the three departments of the school seventy-nine graduates, by far the largest number during any one year since the organization of the school; surely this is not a poor record.

Nearly all of the young lady graduates entered the Normal School and are now preparing for teachers. Two young ladies entered Vassar College and one Wellesley College.

The High School was organized twenty-two years ago. The whole number of pupils admitted since its organization is 4,269, an average of 194 each year.

In 1861 the Board adopted a course of study for the School, and granted diplomas of graduation to those who completed the course. October 22, 1862, the first Commencement Exercises of the High School were held in Library Hall. The first class numbered eight—all boys.

The entire number of graduates since the establishment of a graduating course is shown in the following table :

YEAR.	MALES.	FEMALES.	TOTAL.
1862.....	8		8
1863.....	8	22	30
1864.....	6	8	14
1865.....	6	13	19
1866.....	8	16	24
1867.....	4	23	27
1868.....	4	25	29
1869.....	6	30	36
1870.....	7	34	41
1871.....	9	19	28
1872.....	10	30	40
1873.....	13	26	39
1874.....	14	18	32
1875.....	14	33	47
1876.....	17	46	63
1877.....	19	41	60
1878.....	32	47	79
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Total number of graduates.....	185	431	616

An average of 37 each year.

Of the graduates of 1878, six of the males were from

the Classical Department; twelve from the Commercial Department, and the remainder from the English and Scientific Department. All the females were from the English Department.

The standard of the School in regard to its attainments is, in my judgment, steadily progressing. The course of study now in use seems to meet the demands of the community better than heretofore. I think, however, several modifications can be made that will materially add to the efficiency of the school.

The schools of a city or town should be adapted to its wants; the needs and demands of a commercial city are very different from those of a manufacturing place.

## COMMENCEMENT EXERCISES OF THE HIGH SCHOOL.

The class was examined upon the following subjects :

For the Scientific and English Department : Latin, Geometry, Rhetoric, English Literature and Botany for the girls, and Geology in place of Botany for the boys ; and Chemistry, Geology and Greek for the boys in the Classical Department. English Composition, Commercial Law, Natural Philosophy, Algebra, Civil Government and Natural History for the Commercial Department.

The Seventeenth Annual Commencement of the High School was held in the New Institute Hall, June 13, 1878.

The Hall was densely crowded and the exercises unusually interesting.

The following was the order of exercises :

## ORDER OF EXERCISES.

## MUSIC.

PRAYER,	- - - - -	Rev. Charles E. Hart.
ORATION—"Truth will Triumph,"	- - - - -	D. G. Maclay.
ESSAY—"Ladders,"	- - - - -	Miss Sophronia Anderson.
CHORUS—"Hark ! Apollo strikes the Lyre,"	- - - - -	By the Class.
ESSAY—"Ministry of Want."	- - - - -	Miss Ida A. Brown.

## MUSIC.

ESSAY—"Is this Jerusalem?"	- - - - -	Miss Carrie E. Coit.
ORATION—"Law,"	- - - - -	Eltweed Pomeroy.
A TRIPLE TRIO—"Halt to the Bugle Call,"	- - - - -	By Members of Class.
ESSAY—"Inspiration,"	- - - - -	Miss Ida F. Kinsey.

## MUSIC.

ESSAY—"Echoes,"	- - - - -	Miss Alice B. Poinier.
ORATION—"The Future of Russia,"	- - - - -	Emanuel Schwarz.
CHORUS—"Oh Happy Fair,"	- - - - -	By the Class.
ESSAY—"Story of Thebes,"	- - - - -	Miss Grace H. Riker.
ORATION—"Individuality,"	- - - - -	Herbert E. Turrell.

## MUSIC.

## PRESENTATION OF CLASS FOR GRADUATION,

By the Principal of the High School.

## PRESENTATION OF DIPLOMAS,

By Edward L. Dobbins, President of the Board of Education.

## PRESENTATION OF PRIZES.

By WM. N. BARRINGER, Superintendent of Public Schools.

For the best Declamation, (June 7th.) Gift of the "Society of Seventy-Seven." C. H. BLANCHARD. For Honorable Mention. J. M. WOODRUFF.

For the best Oration. Gift of the Alumni. EMANUEL SCHWARZ.

The "Abbie A. E. Taylor" Prize, for the Best Final Essay of the Young Ladies, IDA A. BROWN.

"Tichenor Medal," for the best Rhetorical work during the year by the Young Ladies. Gift of H. H. Tichenor, M. D. IDA F. KINSEY.

For Highest per cent. in Scholarship of the entire Class, as shown by Final Examination. Gift of Isaiah Peckham, Esq. HERBERT TURRELL, 98 per cent.



"Hovey Medal," for Highest per cent. in Scholarship, Deportment and Attendance of entire Class during the year. Gift of E. O. Hovey.  
 MARTHA E. WEED, 99.89 per cent.

# NAMES OF GRADUATES OF 1878.

## GENTLEMEN.

I. Henry Blanchard,	Chas. A. Schenk,
Saml. R. Cairns, Jr.,	Emanuel Schwarz.
Fred. O. Foxcroft,	Herbert Turrell,
Fred. N. Gleason,	John N. Utter,
Peter P. Griffin,	Henry B. Wagoner,
Edward F. Hageman,	Alexander S. Ward,
Arthur W. Johnson,	Herbert E. Ward,
David G. Maclay,	Geo. M. Whitfield,
Eltweed Pomeroy,	Ed. W. Woodruff,
Edwards H. Rockwell,	Joseph M. Woodruff.

## LADIES.

Elizabeth F. Agate,	Victoria Mallison,
Lizzie C. Alston,	Agnes I. Miner,
Sophronia Anderson,	Carrie E. Morehouse,
Carrie M. Baldwin,	Essy A. Morriss,
M. Ida Boyden,	Josephine W. Morton,
Ida A. Brown,	Ada P. Newton,
Fannie L. Buchannan,	Minnie Osborne,
Annie S. Burgyes,	Jennie E. Peer,
Celia Canfield,	Mary M. Plume,
Lizzie Cation,	Alice B. Poinier,
Agnes B. Clark,	Ida M. Ranke,
Carrie E. Coit,	Lucy A. Richards,
Mary M. Crane,	Jennie D. Righter,
Henrietta A. Davison,	Grace H. Riker,
Emma J. Dean,	Laura E. Smith,
Jennie M. Eyles,	Lilian M. Stainsby,
Jennie M. Freeman,	Elizabeth M. Stringer,

Ella R. Geigenheimer,	Emily A. Tichenor,
Jennie A. Gemar,	Minnie L. Umbach,
Sophie Glorieux,	Elizabeth Vanness,
Lottie H. Heely,	Ada M. Vreeland,
Edna J. Keene,	Martha E. Weed,
Ida F. Kinsey,	Josephine H. Wood,
Elizabeth Wyckoff.	

## GRADUATES FROM COMMERCIAL COURSE.

Monroe S. Brown,	August F. Eggers,
Fred. W. Boggs,	Andrew Kearney,
Wm. Bruen,	Geo. H. Miller,
Wm. Cleaver,	John C. Turner,
Wilbur Crane,	Chas. C. Thompson,
Robert P. Dodd,	E. Stanley Willis.

EXAMINATION FOR ADMISSION TO THE  
HIGH SCHOOL.

The annual examination of the pupils for admission to the High School, was held in the High School building, June 20th and 21st, 1878.

There were 285 applicants, of whom 128 were boys, and 157 girls. Of the girls, 132 were admitted, or 84 per cent. Of the boys 93 were admitted, or 73 per cent.

The applicants were examined upon the following questions :

## ARITHMETIC.

- What is the difference between an abstract number and a concrete number [2] ? The sum of  $\frac{2}{3}$  of  $\frac{3}{4}$  and  $\frac{3}{5}$  of  $\frac{5}{6}$  is equal to how many times their difference [8] ?

2. What is a compound denominate number [2]? Reduce  $\frac{3}{4}$ ,  $\frac{1}{8}$ ,  $\frac{7}{8}$ ,  $\frac{1}{2}$  of  $\frac{3}{4} \div 2\frac{1}{2}$  to decimals; add the results, multiply the sum by  $\frac{2}{10}$ ; from the product subtract  $\frac{3}{4}$  and divide the remainder by  $1\frac{1}{2}$  [8].

3. How much will it cost to plaster the walls and the ceiling, and carpet the floor of a room 17 feet long, 13 feet wide and 9 feet high; the plastering to cost \$7.11 per 100 square feet, the carpet \$1 $\frac{7}{8}$  per yard [10]?

4. A man purchased 1,000 bushels of corn at \$2 per bushel; on receiving it he found 15 per cent. of it spoiled. He sold the balance at an advance of 10 per cent. on cost, and took in payment a note for thirty days, which he had discounted at the bank at 6 per cent. Did he gain or lose, and how much [10]?

5. Sent an agent \$5,000, including his commission of  $3\frac{1}{4}$  per cent., to buy flour at \$5 per barrel. He sold the flour at \$6 per barrel. How many barrels did he buy, and how much more money did the owner receive than he sent [10]?

6. What is a bank [2]? I owe \$1,000. For what sum must I draw my note payable in the bank in 60 days, at 6 per cent., to pay the debt [8]?

7. What is a corporation [2]? Sold a house at 20 per cent. gain, with the money bought another and sold that for \$2,500, losing 50 per cent. What did each house cost [10]?

8. A man contracted to dig a cellar 25 feet long, 18 feet wide and  $10\frac{1}{2}$  feet deep at \$.6 per cubic yard. He receives in payment a note dated June 19th, 1878, at 6 per cent. What will be due on the note January 1st, 1879 [10]?

9. What is compound interest [2]? A man invested \$2,500 in business; at the end of two and a half years he found he had made \$1,600. What rate of interest did his investment pay annually [8]?

10. Three men rented a store for five months for \$306. A

put in \$60, B \$40, C \$50. At the end of two months A withdrew one fourth of his money, and B added \$20 to his. What was each man's share of the rent [10]?

#### GEOGRAPHY.

1. How many motions has the earth [3]? What is the effect of each [4]? What is the plane of the earth's orbit [3]?
2. State the difference between great circles and small circles [3]. Name and describe one of each [4]. What are zones [3]?
3. What is meant by the climate of a place [4]? Describe the effect of latitude, elevation and sea winds upon temperature [6].
4. What is the axis of the earth [4]? Describe the position of the earth's axis [3], and the effect of such position [3].
5. What is the Government of a country [2]? Name and describe the two principal forms of Government [6]. Give an example of each [2].
6. What separates Alaska from Asia [2]? Caribbean Sea from the Pacific Ocean [3]? Patagonia from Terra del Fuego [2]? Norway from Denmark [2]? Australia from Tasmania [2]?
7. Name the Middle Atlantic States [4]. Bound the smallest [3], also the most populous [3].
8. Name, in order, beginning at the north, the countries of South America that border upon the Pacific Ocean [5]. Name the States that border upon both banks of the Ohio River, from source to mouth [5].
9. Describe the following rivers by naming the source, the general direction, and the body of water into which each empties; Columbia [2], Danube [2], Seine [2]. Name and locate the capital of Russia; of Turkey; of Oregon; of Iowa [4].
10. Draw a map of Virginia and West Virginia. Locate the

Alleghany and Blue Ridge Mountains. Trace the Potomac, James and Great Kanawha Rivers, and locate the capital of each State [10].

#### GRAMMAR.

1. State the difference between Etymology and Syntax [4]. How do you distinguish between an adverbial adjunct and an adjective adjunct [3]? How between a primary adjunct and a secondary adjunct [3]?

2. Write a sentence, using the classes of adjuncts named in No. 1, and designate each [6]. State how you distinguish a complex sentence from a compound sentence [4].

3. State the difference between a passive verb and a neuter verb [3]. Write a sentence containing a passive verb and a neuter verb [3]. Give a synopsis of the passive verb in the subjunctive, imperative and infinitive moods, using the second person, singular number [4].

4. Analyze the following:—The candidates *who* answer correctly *seventy-five per cent.* of all questions *given*, *will be admitted* to the High School [10].

5. Parse the words italicised in No. 4, [2 credits each].

6. What is a clause [2]? How are clauses connected [2]? What is a dependent clause [3]? Write a sentence containing a relative clause and an adverbial connective [3].

7. Analyze the following:—

The boy stood on the *burning* deck,  
Whence *all but* him *had fled*.

8. Parse the italicised words in No. 7, [2 credits each].

9. The autumn leaf is sere and dead,  
It floats upon the water's bed;  
I would not be a leaf, to die  
Without recording sorrow's sigh.

Analyze [10].



10. What is a phrase [3]? How are phrases classed as to their form [3]? Write a sentence containing one of each form, and tell what each modifies [4].

#### UNITED STATES HISTORY.

1. Give an account of the union of the New England Colonies [5]. Give date, cause, duration and result of King Philip's War [5].

2. What led to the settlement of Pennsylvania, Maryland, Delaware and Georgia [5]? When, where and by whom was each settled [5]?

3. What four wars occurred between the dates 1689 and 1763 [5]? Give date, cause, duration and terms of settlement of the last [5].

4. Give a description of, and the effect upon the country, of the event that occurred on the night of the 18th of April, 1775 [10].

5. Where is Valley Forge [2]? Give date and describe the occupation and the condition of Washington's troops while there [3]. Give date, object and the result of Burgoyne's invasion [5].

6. Name the first three and the last five Presidents of the United States [5]. Give date and time of service of each [5].

7. What convinced the people at the close of the Revolution that a stronger Government was needed [5]? Give date and full account of the first revenue measure adopted by the United States Government [5].

8. Name two important events that occurred during Van Buren's Administration [3], during Harrison's and Tyler's Administrations [3]. Give date and result of each event [4].

9. Where is Philippi [1]; Rich Mountain [1]? Who gained victories at these places [1]? Give an account of Capt. Semmes' doings as commander of Confederate privateers [7].

10. Give an account of the tribunal for the settlement of the Alabama Claims [4]. Bound the territory of the United States at the close of the Revolution [2]. Name the four States that were formed from the Southwest Territory [4].

## SPELLING.

Nuisance,	Muddying,	Beneficence,
Gorilla,	Witticism,	Politician,
Strychnine,	Farinaceous,	Sauciness,
Celery,	Omniscience,	Necessitous,
Geyser,	Sacrilegious,	Serenade,
Hurricane,	Hyacinth,	Bagatelle,
Seizing,	Chocolate,	Doggerel,
Mischief,	Alcohol,	Pettifogger,
Piecemeal,	Serviceable,	Satyr,
Filibuster,	Admissible,	Hallelujah,
Maintainable,	Admittance,	Physique.

*N. B.—Pupils will not communicate with each other, either by words or signs, concerning any subject during their examination. Teachers will report to the Superintendent any violation of this rule.*

The Regulations of the Board of Education provide “that immediately after the annual examination of pupils for admission to the High School, the number of pupils from each school admitted and rejected, and the general average of the candidates from each, together with the names of the pupils admitted, their ages and respective averages, and the averages of those rejected shall be published under the direction of the City Superintendent.”

The following is the result of such examination :

## BURNET STREET SCHOOL.

Names.	BOYS.	Ages.	Per cent.
Charles L. Kitchell.....	15	10	90.6
Frank J. Bock.....	14	1	89.6

Elmer C. Crane.....	14	10	86.4
Irving Cannon.....	12	6	85.6
John C. Kelly.....	14	1	89.4
Henry Flarsheim.....	12	9	90.4
M. Elvin Blanchard.....	15	5	86.
William L. Messler.....	15	3	82.8
Leonard Peloubet.....	14	9	79.8
Benjamin Van Clief.....	13	9	80.4
Edmund L. Joy.....	14	1	75.
Peter G. Spencer.....	15	1	80.
William S. Thompkins.....	15	6	79.
Frank F. Price.....	14	11	79.6
W. L. Berg.....	13	9	82.
Moses A. Crane.....			75.9

Rejected, 2; average per cent, 71.4.

Names.	GIRLS.		Ages.	Per cent.
Emily Potter.....	15	1		93.8
Marion E. Fish.....	16			84.4
Sarah M. Leigh .....	12	10		88.4
Elizabeth Koch.....	14	4		85.2
Ruth C. Dodge.....	12	9		82.8
Lizzie Hammond.....	14	8		78.8
Amelia F. Crane.....	16	1		87.8
Jennie B. Foxcroft.....	16			85.6
Emma K. Williams... ..	14	11		81.
Susie E. Kelley.....	15	10		83.2
Mary A. Coleman.....	16	1		81.8
Joanna V. Enders.....	16			83.4
Jennie L. True.... .	15	10		82.8
Alice J. Williams .....	14	2		75.8
Maggie A. Leary.....	13	4		80.6
S. Lucetta Canfield.....	14			84.6
Mary E. Brown.....	14	6		80.4

M. Ella Dean.....	13	9	75.
Henrietta Jarvis.....	15		75.4
Henrietta Kitchell.....	18		78.4
Emily Ashmuth.....	15	6	75.2

Rejected, 4; average per cent., 71.2.

### WASHINGTON STREET SCHOOL.

Names.	BOYS.	Ages.	Per cent.
Edward Hampton.....	14	6	86.4
John D. Stringer.....	14		86.
Theodore M. Woodland.....	14	6	81.2
Frederick T. Crane.....	14	8	88.
William A. Simonson.....	13	2	85.6
Henry Wolf.....	15		75.
Abram Hannock... ..	14	10	76.4
Edward H. Riebold.....	15	4	76.8

Rejected, 2; average per cent., 70.4.

Names.	GIRLS.	Ages.	Per cent.
Alice R. Eyler.....	13	10	92.8
Lillie L. Price.....	14	4	91.8
Caroline R. Dana.....	13	4	80.4
Lizzie F. Smythe.....	13	11	81.4
Anna M. Prieth.....	13	9	92.2
Miriam Osborn.....	13	4	81.8
Ida L. Courter.....	16	5	78.
Jessie Harrison.....	13		78.6
Lena Feder.....	13	1	81.2
Laura Rodgers.....	15	1	79.6
Julia S. Holloway.....	13	8	81.2
Elire Wood.....	15	5	87.4
Celia Grass.....	14		83.

Rejected, 1; average per cent., 72.

## LAWRENCE STREET SCHOOL.

Names.	BOYS.	Ages.	Per cent.
George Smith.....	11	5	89.2
Willis Sinnock.....	12	9	84.6
Elliott Archer.....	14		83.8
Willie Kirk.....	14	8	78.4
Luther Gardiner.....	15	3	87.
George Jacobus.....	15	1	76.6
Rejected, 2; per cent., 60.6.			

Names.	GIRLS.	Ages.	Per cent.
Ella Wharton.....	13	1	76.6
Joanna Bornstein.....	16		91.8
Henrietta Bornstein.....	16		81.2
Mary Smith.....	16	8	83.8
Emma Eno.....	16	4	75.6
Sarah Butler.....	15	11	83.4
Ida Pohlig.....	16	3	76.2
Mary Leeman.....	16	10	80.6
Mary Thompson.....	15	1	79.2
Rosa Vreeland.....	15	5	75.
Lida Frost.....	16	6	75.2
Rejected, 2; average per cent., 70.			

## COLORED SCHOOL.

Names.	BOYS.	Ages.	Per cent.
Charles W. Wright.....	15		76.2
Rejected, 1; per cent., 73.8.			

Names.	GIRLS.	Ages.	Per cent.
Wilhelmina Blanchard.....	18		80.8
Rejected, none.			

## LAFAYETTE STREET SCHOOL.

Names.	BOYS.	Ages.	Per Cent.
James Maclay..	13	7	88.8



Andrew L. Hoppaugh.....	14	11	80.8
Fred. Muesthoff.....	12	5	81.
Wm. B. Waltzinger.....	14	10	78.
Wm. A. Van Duyne.....	14	1	80.
Rejected, 2; average per cent., 67.			

## GIRLS.

Kate L. Ober.....	14	8	90.
Jennie A. Crossman.....	16		81.2
Amelia L. Wiedemeyer.....	14	9	79.4
Jennie M. Skinner.....	14	10	81.8
Katie A. Benson.....	15	6	81.
Caroline Benson.....	13	9	84.8
Susan E. Hopping.....	14	7	77.
Priscilla Kirkpatrick.....	15		77.4
Sarah L. Simonson.....	12	11	81.
Laura Lawshe.....	15	4	77.8
Belle L. Hatcher.....	14	8	76.2
Caroline Bodwell.....	14	11	77.4
Minnie J. Drew.....	13	7	78.
Rejected, 5; average per cent., 56.6.			

## WEBSTER STREET SCHOOL.

Names.	BOYS.		Ages.	Per Cent.
Frank Gill.....	13	4		87.2
Wm. R. Pentz.....	15	1		92.2
Fred. W. Wise.....	16	4		87.
Edwin B. Ennis.....	14	3		92.2
Wm. Carroll Taylor.....	14	7		84.4
Wm. H. Kelley.....	14	7		83.6
Chas. E. Hayne.....	13	9		87.4
Jos. S. Baldwin.....	16	8		81.6
Walter C. Brown.....	14	6		86.8
John B. Evans.....	15	3		87.8
E. L. Mink.....	15	2		75.
Rejected, 6; average per cent., 70.3.				

## GIRLS.

Charlotte T. Walker.....	15	1	90.
Helen M. Scharff.....	15	2	86.4
Mildred Bradford.....	16	7	81.8
Nora Brown.....	16		91.8
Edgaretta M. Jones.....	17	9	84.2
Mary W. James.....	14	8	88.4
Carrie Tyler.....	15	7	86.6
Laura D. Boice.....	14	8	88.8
Jennie M. Young.....	14	8	85.2
Mabel A. Applegate.....	15	5	79.6
Emma D. Baldwin.....	15	5	81.2
Virginia Jenkins.....	17	3	75.6
Bertha Hoehnle.....	13	7	83.2
J. Louise Johnson.....	15	4	82.6
Minerva Britten.....	14	7	81.8
Mahala Doremus.....	14	9	79.6
Virginia Reynolds.....	14	8	75.6
Annie A. Walker.....	14	7	75.2
Julia S. Baldwin.....	14	5	75.
Martha L. Osborn.....	15	8	81.6
Lillie L. Sturgis.....	14	5	78.6
Jennie A. Sanford.....	16	3	75.8

Rejected, none.

## CHESTNUT STREET SCHOOL.

Names.	BOYS.	Ages.	Per Cent.
George Linnett...	15	11	87.8
Selwyn W. Roberts.....	13	1	90.4
Fred. J. Haynes.....	14	6	81.2
Frank A. Hough.....	14	11	83.4
John H. Stone.....	14	7	75.4
Samuel M. Dunn.....	13	6	84.8
Fred W. Speer.....	16	7	79.

Wm. H. McNabb.....	12	1	80.4
Paul Moran.....	13	6	82.
Willie J. Tichenor.....	14	6	78.6
John K. Soden.....	15	10	82.8
M. Allen Durand.....	12	10	86.4
Fred A. Sutphen.....	14	11	78.2

Rejected, 1 ; per cent., 71.4.

## GIRLS.

Hattie C. Allen.....	16	10	88.2
Mary D. Patton.....	14	7	89.8
Helen C. Ely.....	13	5	84.6
Laura L. Harris.....	14	7	84.2
Florence B. McCabe .....	16	5	83.2
Alice Dawes.....	16	1	75.8
S. Georgie Bruen.....	13	9	83.8
Susan Jackson.....	17	6	81.6
Tillie Parsons.....	16	2	82.2
Laura A. Clark.....	14	2	85.4
Emma S. Sommer.....	13	6	86.
Lizzie B. Dingwell.....	13	9	85.4
Katie W. McVicker... ..	14	7	76.
Clara Honeywell.....	16		84.
Edna J. Roberson.. ..	13	5	82.4
Ella Louise Henry.....	14	10	75.2
Ella G. Whitecar.....	16	6	74.6
Irene C. King.....	15	9	79.2

Rejected, 4 ; average per cent., 68.2

## OLIVER STREET SCHOOL.

Names.	BOYS.	Ages.	Per Cent.
Benjamin W. Tucker.....	14		75.8
Charles L. Mooney.....	15	4	77.6
George W. Munsich.....	13	6	76.

Adolph Faber du Faur.....	14	10	79.4
James A. Gillick.....	14	9	80.4
Rejected, 10; average per cent., 57.3.			

## GIRLS.

Ida F. Morris.....	16	1	75.4
Adelaide Randall.....	16	9	80.2
Emily Williams.....	15	2	76.2
Elizabeth R. Reilly.....	14	4	75.6
Grace E. Bailey.....	17	3	78.6
Bertha A. Williams.....	14	7	75.
Alice L. Ward.....	15		80.
Maie Hester.....	17	3	75.4

Rejected, 5; average per cent., 61.

## SOUTH EIGHTH STREET SCHOOL.

Names.	BOYS.		Ages.	Per Cent.
Harry Allen.....	13	9	97.4	
Frederic Alliston.....	13	6	92.	
Tony V. Herres.....	15	3	81.2	
Robert Blake.....	14		91.	
Ulysses Riker.....	13	7	84.6	
Thomas Roberts.....	15	2	76.	
Robert Lampatel.....	13	6	77.8	

Rejected, 4; average per cent., 62.

## GIRLS.

K. Alliens Nichols.....	16		81.6
Sarah Hope.....	13	9	83.8
Anna Donnelly.....	13	6	81.
C. Elizabeth Moore.....	14	5	85.6
Mary G. Taylor.....	16	7	79.6
Charlotte Smith.....	13	9	75.
Helen Gould.....	16	3	77.
Anna Grossner.....	12	9	80.4
Kate V. Gaston.....	13	10	76.6

M. Antonette Currier.....	13	2	75.4
Mary C. Aschenbach.....	14	6	75.2
Rejected, 1 ; per cent., 67.6.			

## SOUTH MARKET STREET SCHOOL.

Name.	BOYS.	Age.	Per Cent.
Fred'k W. Holland.....	15		82.2
Rejected, 2 ; average per cent., 63.			

## GIRLS.

Rejected, 1 ; per cent., 62.7

## MORTON STREET SCHOOL.

Names.	BOYS.	Ages.	Per Cent.
Herman Kussy.....	15	2	88.
August L. Kraeuter... ..	15	5	86.4
Emanuel Hauser.....	14	9	85.4
Aby Gnichtel. ....	13	5	75.
Henry G. Meeker.....	15	7	86.
Frederick A. Broemel.....	14		77.6
Meyer Lowenstein.....	12	6	86.4
Albert E. Hoffman.....	15	3	82.
Abe Leucht.....	14	5	87.
Henry Ost.....	15	5	81.6
Isaac Lang.....	16	3	82.
Charles H. Cramer.....	14	6	77.6
Rejected, 2 ; average per cent., 71.9.			

## GIRLS.

Rosa Umbscheiden.....	13	2	88.8
Carrie Belle Reicord.....	15	4	85.2
Nellie O. Marsh.....	14	4	77.
Annie R. McClay.....	13	6	78.6
Rejected, 1 ; per cent., 64.2.			



## CENTRAL AVENUE SCHOOL.

Names.	BOYS.	Ages.	Per Cent.
Alfred Baechlin.....	14	2	85.4
Theo. E. Theberath.....	14	7	78.2
Charles H. Theberath.....	15	6	75.2
George F. Perry.....	13	6	83.8
Frank A. Harlow.....	12	10	75.4
Edward T. Summers.....	14	2	82.4
Charles E. Chatfield.....	15	8	81.2
Walter G. Rawbone.....	14	4	79.2
Rejected, none.			

## GIRLS.

Mary M. E. Trelease.....	15	7	81.2
Martha Williamson.....	14	7	77.6
Edith G. Terhune.....	13	5	84.4
C. Ella Alruth.....	14	6	77.4
Ida E. Smith.....	14	1	80.
Carrie B. Rhodabeck....	14	9	75.
Gertrude L. Wortman.....	14	8	75.
G. Julia Dean.....	14	6	75.
Phebe G. Lowery.....	14		77.
Rejected, 2; average per cent., 70.7.			

## NORMAL SCHOOL.

This school is held on Saturdays in the High School Building, from 8½ A. M. to 12½ P. M., and supplements the High School course. It is not strictly an academic institution; in such, the aim of the instruction is that the pupil may know the subject; in the Normal School, the aim is that the pupil can teach it. The difference between knowing a subject and being able to teach it is very great. It is true no one can teach what he does not know, yet one may know and still not be able to teach. Hence the neces-

sity for Normal or professional schools that shall do special work for specific purposes.

The school is steadily improving and I think is accomplishing the purposes for which it was established more fully than heretofore. It has been thoroughly reorganized and placed upon a higher grade and a better basis. I think we can safely expect more assistance from it in the future, in qualifying for their work, the teachers of our schools.

Three teachers were employed last year in class work, and Prof. Marshall gave a lesson in music each session. Ninety-four pupils were enrolled, four males and ninety females. The male element among our teachers seems to be disappearing.

The Commencement exercises of the Normal School for the year ending June, 1878, were held in Park Hall, June 26. The Hall was crowded, the exercises interesting and decidedly above the average.

Forty-six young ladies and one gentleman having completed the prescribed course, were graduated with befitting ceremonies as follows:

#### ORDER OF EXERCISES.

CHANT—"The Lord's Prayer" - - - - - By the Class.  
Prayer, - - - - - Thomas Rambaut, D. D., LL. D.

#### MUSIC.

ESSAY—"The Marble Waiteth," - - - - - Miss Sarah N. Branum.

ORATION—"Formation of Opinions," - - - - - Alex. P. Kerr.

TRIO—"Down among the Lillies," - - - - -  
} Miss Ida J. Bush.  
 } Miss G. Estelle Ross.  
 } Miss Eloise U. Van Keuren.

ESSAY—"What are we to do?" - - - - - Miss Ida A. Eaton.

#### MUSIC.

ESSAY—"Footprints," - - - - - Miss Jessie Ham.

CHORUS—"Home again returning," - - - - - By the Class.

RECITATION—"The Knight and the Lady," - - - - - Miss Elizabeth F. Tuite.

#### MUSIC.

ESSAY—"Ministry of the Beautiful,"	- - -	Miss M. Elizabeth Hall.
DUET—"I Know a Bank,"	- - -	} Miss G. Estelle Ross. } Miss Eloise U. Van Keuren.
ESSAY—"Night brings out the Stars,"	- - -	
		Miss Annie Tichenor.

## MUSIC.

## PRESENTATION OF CLASS FOR GRADUATION.

By E. O. Hovey, Principal of the Normal School.

## PRESENTATION OF DIPLOMAS,

By Edward L. Dobbins, President Board of Education.

"GOOD NIGHT," - - - - - By the Class.

## GRADUATES OF 1878.

Emma E. Beardsley,	Annie O. Hoppaugh,
Mary E. Bedell,	Harriet B. Hatheway,
C. Belle Burnett,	Ida M. Hatcher,
Ida J. Bush,	Emma Hobbs,
Sarah N. Branum,	Laura Hopping,
Mary R. Bird,	Janet Hunter,
Ellen Ballard,	Jessie E. Ham,
Harriet J. Clarke,	Alice I. Johnson,
Susie B. Conover,	Elizabeth A. Lennon,
Jessie N. Coe,	Sarah Meeker,
Rowena Cherry,	Nellie L. Morris,
Annie C. Day,	Mary A. O'Rourke,
Juliette Dickinson,	Adelaide Peck,
Belle Drake,	G. Estelle Ross,
Susie Dunbar,	Mary D. Riley,
Ida A. Eaton,	Annie L. Tichenor,
Sarah Farrow,	Clara E. Traphagen,
Alice M. Fletcher,	Elizabeth F. Tuite,
Agnes B. Green,	Annie Tuers,
Augusta Gsantner,	Elizabeth L. Thompson,
M. Elizabeth Hall,	Eloise U. Van Keuren.
Sylvina Haskins,	Jane Van Wycke,
Abbie J. Hoppaugh,	Minnie E. Westervelt,
	Alexander P. Kerr.

NUMBER OF GRADUATES FROM THE NORMAL SCHOOL, FROM ITS  
COMMENCEMENT.

	Gentlemen.	Ladies.	Total.
Class of 1859.....	7	10	17
“ 1860.....	3	14	17
“ 1861.....	2	15	17
“ 1862.....	5	14	15
“ 1863.....	1	7	8
“ 1864.....	1	24	25
“ 1865.....	—	19	19
“ 1866.....	—	12	12
“ 1867.....	—	22	22
“ 1868.....	4	24	28
“ 1869.....	1	22	23
“ 1870.....	1	25	26
“ 1871.....	2	23	25
“ 1872.....	—	15	15
“ 1873.....	—	39	39
“ 1874.....	—	42	42
“ 1875.....	2	35	37
“ 1876.....	2	44	46
“ 1877.....	1	54	5
“ 1878.....	1	46	47
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Total for twenty years.....	33	506	539

An average of 25 for each year.

### TRAINING SCHOOL.

A decidedly new feature in the Normal work of our city is the Training School. The necessity for an institution of this kind has been felt for some time. I can but believe it is a step, and a long one, in the right direction in the solution of this question, how to secure the teaching experience while mastering the theory?

Normal and Training Schools are a modern educational instrumentality. Within the memory of most of us they were unknown in this country. They should never be separated, they are parts of the same institution. The Normal department gives the Theory and Science of Pedagogios; the Training department applies the test of practical school-room experience to the theory.

They originated at a time, it is true, when higher education was flourishing, but the public school, the school of the people, was neglected, was in the hands, so far as attention was given to it, of the ignorant, the incompetent, the unqualified. The principal of the Normal School of St. Louis says :

“The refuse of other callings and professions as a last resort took to the teacher’s chair, and it became necessary if the common schools were not to go to wreck and ruin, to secure a supply of qualified instructors. This led to the founding of the first Normal School.”

The educational problem in this country can be solved only through the improvement of the public schools. It was set forth by those pioneers in public education, Horace Mann, James G. Carter, George B. Emerson and others, that the only certain way of improving the schools, was to train, in institutions set apart especially for the purpose, young teachers in the work of their profession. The first Normal School this side of the Atlantic, was opened through Horace Mann’s influence, at Lexington, in 1839, when three candidates presented themselves for admission; thus this old town of Massachusetts has been twice honored in the history of our country; as the scene of the first battle for liberty, and the first great step in the improvement of the public education of the country. From such



a beginning sprang that system of professional training that is now found in almost every State and large city in the Union.

I most heartily commend to the earnest and fostering care of the Board those institutions in our city, set apart for the education and training of our teachers.

The Committee on Normal School, under Rule 60 of the Regulations of the Board, selected the Market Street Primary School containing eight classes, as the training school for the pupils of the Normal School.

The Normal School was divided into sections of sixteen pupils each. Each division spends eight weeks in the training department under the direction of the principal and class teachers. Each regular supervising teacher takes charge of two pupil teachers, guiding them, instructing them, and giving them such opportunities in class exercises and class instruction as shall best induct them into the mysterious art of "how to teach."

A council, consisting of the Superintendent, the teachers of the Normal School, the Principal and supervising teachers of the Training School, meet at the close of the session, the first and third Fridays of each month, when the work of the preceeding two weeks is carefully examined; the various difficulties of the school room are presented by the pupil teachers, and such suggestions, hints, counsel and illustrations, given as are thought most helpful to the beginner. I think I am fully justified in expecting excellent results from this institution. It was predicted by some, that the standard or grade of scholarship of the classes would suffer from these inexperienced pupil teachers. I am happy to say that the examination at the close of last term showed that the grade had been fully maintained.

It was also thought that the attendance of the school would suffer. The principal informs me the school is steadily increasing in numbers. My hopes have been more than fulfilled.

I refer the Board to the report of the Committee on Normal and Training Schools made at the last regular meeting of the Board of 1878 :

“The Committee on Normal School beg leave to present the following brief report :

At the opening of the school year last September, the Normal School was organized upon the basis prescribed by the resolution of the Board, reorganizing it. The School now numbers 57 pupils, last year it numbered 94. The class is divided into two divisions. The work in the schools thus far in the year has been very satisfactory, better attendance, better attention, better study and more interest and progress, have been secured, which your committee believe will result in a better quality and higher order of teaching.

The training school connected with the Normal, is in a very satisfactory condition, doing all we could reasonably expect during the time it has been in operation. Sixteen pupils have completed the two months services required by the rule of the Board. Sixteen have spent one month.

The benefit to these pupil-teachers is becoming every day more and more evident. It gives your Committee pleasure to be able to record this fact, that, instead of the pupils of the Normal department looking upon the work in the Training School as unpleasant and burdensome, they are pleased with it, and in many cases have applied to the Superintendent for permission to spend a longer time there than required by the Board.

We think we are justified in believing that with the aid of the Normal School, Training School and the Teacher's Monthly Institute, the qualifications of the teachers of the Public Schools of Newark will be decidedly improved. In submitting this report, your Committee would commend the interests of these institutions to the earnest and thoughtful consideration of the Board."

### EVENING SCHOOLS.

As was stated in the Annual Report of 1877, these schools return less for the money expended upon them than any others under the charge of the Board. The difficulties in the way of organization and instruction are very great. They are found chiefly in three directions; 1st. The impossibility of a thoroughly graded classification. 2d. The irregular attendance of the pupils. 3d. The short time they are in session, only about twelve weeks with several interruptions on account of storms and the political excitements usual at that time of year. A fourth difficulty might be named; the fact that many of the teachers are young inexperienced, and consequently unskillful.

Yet I am not willing to condemn these schools altogether, though they do not accomplish as good results as our day schools do. The evening schools with all their short comings and imperfections reach a class and do a work that the other schools cannot. I think if the subjects of writing and drawing were made more prominent and better provision for teaching them furnished, the interest in and the benefits derived from these schools would be greatly increased.

I would recommend that these subjects, in the future, be placed under the charge of a special teacher.

The number of pupils registered for the year ending December, 1878, is 1,046. The following table will show the number registered, the average enrollment, the average attendance and the per cent. of attendance in each school :

	No. Reg.	Av. Enroll.	Av. Attend.	Per cent
Lafayette Street School,	261	181	139	76.7
Morton " "	517	390	286	73.3
Central Avenue "	268	189	152	80.

The average nightly attendance in each school, for each month, is shown in the following table :

	Oct.	Nov.	Dec.	Av.
Lafayette Street School,	195	131	92	139
Morton " "	363	288	207	286
Central Avenue "	208	142	105	152

### INDUSTRIAL SCHOOLS.

These schools continue to do their special work in a very satisfactory manner. The teachers are deserving of great credit for the earnestness and self-sacrificing manner in which they have performed their work. They have many and peculiar difficulties with which to contend. Their pupils are scattered, and in many cases deprived of the home comforts and influences so desirable and necessary in preparing the child for the teacher.

The important feature in these schools is the industrial element, of which we shall say more elsewhere. Nothing in our schools gives me more pleasure than to witness the sewing exercise of the girls. Many receive here all the instruction in this most useful art they ever obtain. A large number of useful garments are made and distributed.

There are five teachers employed, all females.

## KINDERGARTEN CLASSES.

We have two classes that are doing a little work in this direction. The chief difficulty in the way of full success is the lack of thoroughly trained teachers in this department. The expense necessary to secure the qualifications in the teachers, the proper furniture and kindergarten material, renders it very difficult to make much progress; still we have made a beginning, and when means and material shall become available, we shall progress more rapidly.

Another hindrance in kindergarten work in the public schools is the large number of pupils the teacher must take care of as well as teach. No teacher with a class of from sixty to eighty can give the attention and instruction to which each pupil is entitled.

Still another trouble is encountered in the general misconception of what the true office of the kindergarten is. Many seem to suppose that a class of sixty or seventy children supplied with toys, a few balls, blocks, sticks, strings, colored paper, etc., becomes, by virtue thereof a kindergarten. No greater mistake can be made and none is more frequently made.

In the annual report for 1877, I called attention to the importance of the education of the younger children in our schools; to the activities of child nature; to the social longings of the child; his desire for companionship, for play, for avenues through which his nature can find satisfaction; also that intellectual training is of less importance than training the will, forming the habits, etc. To understand and supply these wants of childhood requires the highest qualifications and the most thorough preparation on the part of the teacher. It also requires co-operation and earnest sympathy on the part of the parents; with the



teacher, firm and patient support from the school authorities.

In the management of kindergarten classes, connected with the public schools, there is a strong tendency to enforce the strict discipline of the regular school and thus so formalize and deaden the work, that its training and culturing influence is largely, if not entirely, destroyed; on the other hand, freedom from constraint, if unwisely allowed to go too far, will destroy all discipline and thoroughly demoralize the children.

The intense activity of the child and the consequent necessity for physical exercise are tolerably well understood by parents and teachers, and some provision is usually made to supply this want. But the exercise and training of the will in all its complex manifestations, is not so well understood, and it cannot be without a long and patient study of the mental, physical and moral nature of the child. It is through the moral nature that the will training is mainly accomplished. It is a fact worth remembering that all training in school and out of school, is through the will. We often hear parents and, I am sorry I am compelled to say it, sometimes teachers, talk about breaking the will. Better study it, educate it, train and culture it; for the will is the chief strength of the individual.

We can study the child only through his activities, smother them and we close up the avenues to his being. In utilizing his spontaneous activities for educational purposes, we encounter tendencies in the wrong direction, and dangers against which we must guard. The child must play, his nature demands an outlet for his struggling energies, but play is not only constructive but also destruc-

tive, he builds up and pulls down, he synthetizes and analyzes; just here should come in the guidance of the skilful and cultured teacher.

The highest law of the child is his present gratification; it is only through education that he is brought to listen to the dictates of reason.

But on the other hand, in our schools too much liberty must not be given to the bent or tendencies of the pupil. The instructor must be careful not to confound license with true liberty. The spontaneity and self-activity of the pupil form the basis upon which character and attainments must rest. The true office, then, of the kindergarten exercises is to utilize more effectively the elements of spontaneity and activity in the child for educational purposes and to introduce him to the more formal work of the school with better observing powers, with more knowledge of the things that surround him, with quicker and keener apprehension, with better sense and better manners, with a kinder heart and more respect for others, with a stronger desire to know and a deeper love for school.

I would commend this subject to the careful consideration of the Board, and the teachers of our schools.

## THE INDUSTRIAL ELEMENT IN EDUCATION.

Probably no question occupies a more prominent place in the minds of educators and school authorities than does the question of Industrial Education. The relation of our educational systems and methods of instruction to our labor interests and industrial development, should receive serious attention at the hands of the guardians of public education.

The Superintendent of Chicago says: "The schools of a half a century ago will not suffice for a model. They met the want of their day, but their day is not ours. The wants of to-day bear about the same relation to the wants of fifty years ago, as the locomotive with its train bears to the lumbering coach; the reaper to the sickle; the telegraph to the post-boy; the Bullock press to the Columbian. Machinery moved by brute force, or steam in diminishing the necessity for hand power. Human skill is demanded more than human muscle. The ability to direct natural forces is the great demand of this day."

Superintendent Philbrick of Boston, in his Report for 1877, says: "The theory of our system of common school education is to give to the child that discipline, training and development of mind and body, and that knowledge of the elementary branches of instruction, requisite to render him capable of pursuing any calling. *Not that he should know any one trade, but that he should be fit for all*—this is the essential thing. Then at the termination of his schooling he will easily form himself for whatever his taste or circumstances give him an inclination. I think this is a sound theory, and, therefore, I should deprecate any attempt to *put the workshop into the school*, the inevitable result would be to make a poor school and a poor workshop. But judicious efforts to *supplement* the school by the workshop, to *put the workshop by the side of the school*, are to be looked upon, it seems to me, with favor."

I know there is a wide difference of opinion, as to what the school should do, and how far it should go in giving instruction and practical skill for the various industrial pursuits of life. There are some holding extreme and radical

views, who would convert every school-room into a shop; others, taking the opposite extreme, recognize intellectual discipline as the chief, and, indeed, the only legitimate object of the school. It seems to me that the truth does not lie with either extreme, but may be, and will be, found not far from the middle ground.

In determining what is the most valuable work for the school to do, we must remember this fact, 'as old as the human race, that man must earn his livelihood.' It is said by some that Public School education is becoming too ornamental, that it covers many unimportant subjects, while it omits others highly important. And so we are told that the object of the Public School is defeated, or, at least, perverted, and our children leave school unable to take care of themselves.

I feel very sure, however, in my own mind, that there is very little ground for these charges. Public School instruction is the great anchor of safety for our country and its institutions. We do not claim that it is perfect, nor do we deny that it contains many defects, perhaps serious ones; but we are unwilling to admit that public education is responsible for all the evils of the State. The Public School has many and unavoidable evils with which to contend, and it becomes the duty of its friends not to be backward, but prompt, in supporting and defending it. Every child is entitled to and should receive a good general education that shall fit him not for any one particular calling, but shall constitute the foundation for all. The question at once arises, what subjects and exercises shall such a course cover? The general answer is plain and easily given; such subjects and exercises as shall be practical to the individual, whatever his occupation, and such as all should know. Be-

fore this question can be determined and answered in detail, another point should be examined, viz. : What is the object of education ? Is it the acquirement of knowledge only, or mainly ; is it the accumulation of facts, the development and training of the memory ? Or is it to develope, strengthen and discipline the powers of body and mind ? In my opinion it is neither the one nor the other exclusively, but both harmoniously. Undoubtedly the development of power is, or should be, the leading object of all education ; for of what value is the possession of knowledge if the ability to wisely use it is wanting ? It seems to me that the practical application of the acquirements of the school room should occupy a more prominent place in our system of public education. The tendency is to become too theoretical—to accumulate without reference to use.

In my opinion those subjects that have a strong disciplinary influence upon the senses should find a prominent place in every curriculum and methods of instruction should never neglect them. Pupils should leave school with their bodily senses developed, trained and able to serve the mind and aid the judgment, promptly and reliably.

Superintendent Eliot, of Boston, says : "Were industrial education tried in the way usually recommended, it would, I fear, not only fail to remove our difficulties, but add to them. Introduced into our existing schools, it would increase the pressure, already too great, or multiply the shortcomings already too numerous, in the studies now taught, while it would find so slender opportunities for itself as to turn out in all probability the most imperfect branch of all. Schools are not, and cannot be, workshops. If industrial education is to be given it should be of a more substantial sort. It needs its own schools, to which our boys and girls



may be admitted when they are old enough to profit by them."

It is said by some that too much prominence has been given, in some localities, to object teaching; that much of it has proven profitless; therefore all efforts to educate the industrial capacity of our pupils is a failure and should be abandoned. The trouble, if there be any, is not in the subject itself, but in the improper presentation of it; too much attention has been given to the theory or science phase of instruction and too little to the art phase.

The Universal Exposition at London, in 1851, gave a wonderful stimulus and activity to the nations of the Old World in the direction of Industrial Education. England especially saw her need in this direction and earnestly and successfully addressed herself to the work of improvement.

France, Germany, Russia and even little Switzerland have taken a high stand in establishing technical schools for industrial education. It is to be hoped that the United States will not be found far behind.

The Committee on Education, in a report made to the Rhode Island House of Representatives in January, 1877, after showing the infeasibility of the attempt to teach specific trades, proceeds as follows: "What is desired is some system that will teach the arts which underlie many industrial occupations; something that will furnish such a course of manual training as will enable our children when they complete their course in the schools, to secure some kind of employment and not feel that they are incompetent to live except by their wits."

Of all the subjects taught in our schools, drawing, in its industrial phase, is the most important and effective agent in training the hand and the eye. In my Annual Report

for 1877, I remarked that "among the many advantages to be derived from the study of drawing in our public schools is the cultivation of the observing faculties of the child. No study does this more effectually; and when the child has acquired the habit of noticing, observing, examining and judging carefully of what he sees, he has taken an important step in the right direction. The taste and all the better elements in the pupil are developed, cultivated and elevated."

Drawing is the basis of architecture, sculpture, painting and all the arts of design. We should educate and train the eyes and the hands of the masses to see, to handle and to judge of objects correctly. No branch of human culture is to be compared with drawing for this purpose. It is also an accomplishment as well as an educational instrument, and a means of livelihood. Its disciplinary power is hardly second to any in the school curriculum.

All subjects, such as map drawing, writing, slate work, blackboard work, etc., requiring the use of the hand in illustrating and mastering them should be made to do efficient service in hand culture. Drawing is a universal language. It is simple and appeals with clearness to the mind; three strokes of the pencil will give a better presentation of a triangle than a page of verbal description can. Any system of instruction that fails to recognize or provide for this element of manual culture is seriously defective.

Since 1871, Massachusetts has taken a high stand in industrial art education. Drawing has been introduced into all the public schools of the State, and free evening drawing schools have been established in nearly all the cities and villages in the State. Each year the means and instrumentalities employed have been improved and better

adapted to accomplish the end in view; the courses of study have been better systematized, and the results obtained improved in quality and increased in quantity.

I think we are steadily and surely progressing in our work in the drawing classes. In the grammar department we alternate the drawing with the writing, giving two lessons a week in drawing and three in writing. It was feared by the Superintendent and the principals that the writing would suffer by taking away two-fifths of the time formerly given to it, but on the contrary it was soon discovered that the writing was improving more decidedly and rapidly than before the drawing was introduced. It is really a fact that we are doing more and better work with three lessons a week than we formerly did with five. The work accomplished in drawing is a clear gain. This result, I think, is justly attributed to the following causes—the training given to the eye, hand and judgment of the pupil by the drawing exercises, also the better methods of instruction, and illustration made necessary on the part of the teacher. No subject taught in our schools does this work so rapidly and effectively. Another reason that should be named here, is the admirable system of term examinations of the writing, devised by the principals and applied to all the classes in our schools using pen and ink. The examination papers are sent to the office of the Superintendent, and distributed to committees, who examine them and record the results. I would again urge upon the attention of the Board the importance to our city and its interests of industrial drawing in our schools. It is the foundation of all industrial education.

## CARE OF THE EYES.

When we consider the fact that nearly four-fifths of all the knowledge of the material world that enters the mind, does so through the eye, the health of the organ of vision becomes a matter of serious consequence. A very widely extended interest has, of late, been awakened in reference to the perfection, use and protection, of the eyes of pupils at school. It appears to me to be of sufficient importance to demand the careful attention of parents, teachers and the school authorities.

All can readily see that the loss or impairment of that sense upon which the mind so largely depends for its information of the outer world, is a matter too serious to be neglected or even to be passed over lightly. Disease of the eye, in many forms, is a much more common ailment than is generally supposed. No disease is more stubborn or difficult to remove; in many cases it is wholly incurable. The very great importance of this subject is the reason offered for occupying space in this report with its discussion.

In my visits among the schools during the past year, my attention was frequently attracted by the considerable number of pupils that were unable to see the work on the blackboards, or wall maps, and were compelled to hold their books very near the face; and I noticed further, as the pupils advanced to the upper grades, the number increased. These facts led me to investigate the subject more closely. I soon discovered that in other cities and in other countries the subject was attracting very marked attention from the medical profession, and others interested in the cause of education. Many interesting experiments were performed, and many careful examinations were conducted, covering many thousand cases, in many schools in different cities and countries. The result of these investi-

gations seem to lead to the following conclusion ;—"That while near-sightedness is *sometimes* inherited, as a rule it originates in school life." It appears from this conclusion that myopia (near-sight) is a contracted disease, and that it occurs in almost all cases between the ages of seven and twenty. Dr. Donders of Germany says, he 'has never known a case to originate after the twentieth year.' Prof. Erismann of St. Petersburg, says that, 'in his experience it rarely, if ever, begins after the fifteenth or sixteenth year.' There seems to be no doubt that this disease originates almost entirely in school life and that it is thoroughly progressive.

Germany has taken the lead in investigating this subject. Dr. Cohn, at Breslau, examined 10,060 pupils, of all grades (including the university), he found 1,004 among the different schools near-sighted ; only twenty-eight of these had inherited the disease. During the first half of the first school year only .4 per cent. were affected, or less than one pupil in two hundred. The percentage rapidly increased through the upward grades, until it reached 63.6 per cent. Examinations made in other countries in Europe, by Dr. Erismann of St. Petersburg, who examined 4,358 pupils, Dr. Reuss of Vienna, who examined 1,050, and Dr. Pflueger of Lucerne, who examined a large number, gave nearly the same results as in Germany.

Superintendent Parish of New Haven says : "In the United States investigations have revealed similar results. New York College shows out of 549 students, introductory class, 29 per cent. were near-sighted ; Freshman class 46 per cent. ; Sophomore, 35 per cent. ; Junior, 53 per cent. ; Senior, 37 per cent. Dr. F. P. Lewis of Buffalo, has recently examined the eyes of the Buffalo school children, and reports that in one thousand eyes, one hundred and forty-



two were near-sighted, divided as follows : from 7 to 10 years, 17; from 10 to 12, 11 ; from 12 to 14, 15 ; from 14 to 16, 33 ; from 16 to 18, 51. Similar investigations in Cincinnati, Reading, Penn. ; Brooklyn, N. Y., and elsewhere, exhibit a like increase.

Acting School Visitor, J. H. Brocklesby, of Hartford, reports as follows :—"Examinations have been made in the West Middle and South schools. In the former by Dr. W. T. Bacon, and in the latter, by Dr. J. A. Stevens. In the West Middle, three hundred and eight scholars were examined. They were members of the intermediate and grammar departments and were from eight to fifteen years of age. There were found to be fifteen per cent. of the number near-sighted. It was a singular fact that in one room in which the scholars sat, so as continuously to face the light, twenty per cent. of them were myopic (near-sighted). In the South School those examined were in attendance upon the grammar department principally, and were from twelve to fourteen years old. The per cent. of near-sighted pupils was twenty-one. This is a higher percentage than found at the West Middle school, but can be easily accounted for in various ways. The scholars are older and have been at school longer, and the matter of light and air space have not received that attention which has been accorded them in West Middle School—a new building with more perfect arrangements."

After giving special attention to this matter, during the past year, I am forced to the conclusion that nearly the same per cent. of near-sighted pupils exists in our own schools. When we consider the fact that the sense of vision is the most important avenue for conveying information to the mind, and that no consideration, however

great, can atone for its loss or impairment, and that our system of education and methods of instruction permit, if they do not actually encourage, habits and practices detrimental to this sense; the question of proper education becomes, indeed, one of serious moment. I think the Board cannot be too prompt, nor the parents too anxious, nor the teachers too watchful in guarding our children from a loss so serious.

As it seems to be well settled that near-sightedness is generally incurable and is almost altogether a contracted disease and originates in nearly every case during school life, we must look for protection in prevention. We should, if possible, avoid the beginning of the disease.

Dr. Loring, of New York, says: "The great period for the beginning of near-sightedness is from the tenth to the fifteenth year, just at the time when the investing membrane of the eye, which is elastic at this period of life, yields to the pressure of the watery contents of the eye-ball, which are increased by continued application, and the result is a lengthening of the eye, and consequently near-sightedness." Dr. Donders, who has already been referred to, says he has never seen a case of myopia (near-sight) originate after the twentieth year. Dr. Erismann's experience is nearly the same.

Among the causes of this difficulty in our schools may be mentioned the following:

1. Insufficient light.
2. An over sufficiency of light.
3. Wrong direction.
4. Improper distribution.
5. Wrong position of head and body.
6. Long continuous use of the eyes without rest.
7. Improper angle of the book to the eye.

Dr. Lewis says: "Wrong position of pupil while studying; small, indistinct print and imperfect illumination, are all important causative factors."

Dr. Loring says: "Young children should never hold the book nearer to the eye than *ten inches*, and adults never further from the eye than *eighteen inches*. Long continued use of the eye upon objects brought close to it is considered by all authorities one of the most if not the most fertile cause of progressive near-sightedness."

Dr. Williams says: "No medical skill can bring back these delicate tissues, once distended, to their former healthy condition; but *prevention is within our power*. The eyes should not be used continuously for small objects, *especially with the head bent forward*. The pupil should not keep his head leaned over his desk, *nor be allowed to study by a feeble light*."

The Board of Education of the city of Philadelphia has caused an examination of about four hundred schools in that city. The Board printed a very complete and valuable report on the sanitary condition of its school buildings; the results were carefully tabulated, and many important inquiries submitted to teachers and health officers. The document is of great interest. St. Louis has undertaken a similar work, and I have little doubt that, ere long, such investigations will become quite general.

Dr. D. F. Lincoln, Secretary of the Health Department of the American Social Science Association, has prepared an excellent set of rules for the care of the eyes, which I quote, and hope every teacher will give earnest attention to them.

#### RULES FOR THE CARE OF THE EYES.

"When writing, reading, drawing, sewing, etc., *always take care—*

(a.) That the room is comfortably cool, and the feet warm.

(b.) That there is nothing tight about the neck.

(c.) That there is plenty of light, without dazzling the eyes.

(d.) That the sun does not shine upon the object we are at work upon.

(e.) That the light does not come from in front; it is best when it comes over the left shoulder.

(f.) That the head is not very much bent over the work.

(g.) That the page is nearly perpendicular to the line of sight; that is, that the eye is nearly opposite the middle of the page, for an object held slanting is not seen so clearly.

(h.) That the page or other object is not less than fifteen inches from the eye.

Nearsightedness is apt to increase rapidly when a person wears, in reading, the glasses intended to enable him to see distant objects.

In any case, when the eyes have any defect, avoid fine work, drawing fine maps and all such work except for very short tasks, not exceeding half an hour each, and in the morning.

Never study or write before breakfast by candle light.

Do not lie down when reading.

If the eyes are aching from fire-light, from looking at the snow, from overwork or other causes, a pair of colored glasses may be advised to be used for awhile."

I have dealt freely in quotations from acknowledged authorities, that we may have before us the latest and most reliable information upon this subject, for our guidance in future work.

## SCHOOL ARCHITECTURE.

I do not presume to instruct the Board in matters belonging to it for consideration ; neither is it necessary for me to state that the public school buildings are an expensive item in the total cost for public instruction.

My attention has been called, for several years past, and especially during the last year, to the construction, arrangement, furnishing, surroundings and complete fitness, of our public school buildings for the purposes of education. I think I am safe in saying that a large number of them are more or less unfitted for the purpose for which they were constructed. I am unwillingly compelled to believe that school authorities do not give that attention and study to the subject of school architecture and school accommodations that their importance demands.

It seems to me that the purposes for which a school building is erected should determine its plan. I fear this is not always the case; too often I am sorry to say the shape of the lot, its narrow limits, or an unwise attempt to save a little expense in the first cost, and the desire, almost universal, to accommodate the greatest number in the smallest possible space, determine the plan and arrangement.

When we reflect that thousands of our children spend from ten to fourteen years in these rooms, and that, too, during the formative period, when more good or more harm may be done to body, mind and heart, than during any like period throughout life, it seems to me this subject cannot well be over-estimated.

The location should be as free from all objections, both physical and moral, as possible. No nuisances affecting



the moral or physical condition of the school should be tolerated for a moment.

I think some type of school building should be adopted for the city. At present we have no plan ; every building is more or less an experiment, and almost as soon as completed a series of alterations is commenced to adapt it to school purposes. The roof leaks, the light is bad, the ventilation worse, and the heating apparatus works badly, or not at all, and the building cannot be warmed. The rooms are often too small ; there is no proper provision for taking care of clothing ; outhouses are frequently badly located and are often entirely inadequate for the wants of the school, and in many cases there is no protection whatever for the pupils, while taking recess, during cold and stormy weather. I do not speak of these defects in a fault-finding spirit, but that we may call to mind the many things that need serious consideration in the construction and equipment of a school-house.

Warming, ventilating, supplying with light and furnishing school buildings, should, in my judgment, receive at the hands of those entrusted with this responsible duty, the most careful and intelligent consideration.

Steam seems to be the accepted method of heating public buildings. There are two ways in use of distributing the steam or heat after its generation ; first, by coils or stacks of pipes distributed around the room ; second, by coils or stacks of pipe placed in air chambers, from which the heated air is distributed to the various rooms by hot air pipes. The first named method is the more economical and the one used in our schools. The chief and pretty much the only objection to it is, that it uses over and over again the same air, which is a very serious matter where the room

is small, and as is generally the case, crowded with pupils and little or no provision made for changing the air of the room. I think with these facts before us the necessity for some means that shall promptly and rapidly ventilate our school rooms is apparent.

Light, its quantity, direction and distribution, is no less important than are the warming and ventilation. In setting forth the importance of this matter I need only to direct attention to several of our school buildings where, by the improper location of the windows and the arrangements of the rooms, the pupils or the teachers, and sometimes both, are inconvenienced, and in some cases, as is known to members of the Board, seriously injured. Time nor space will permit me to extend these remarks upon this particular part of school architecture, but it seems to me of sufficient importance to demand more attention than it has received in the past.

In regard to ventilation, I will only say here that in nearly all our buildings no proper or adequate provision is made for it. In some rooms unfavorably located the air is very impure during nearly the entire session; in others the means provided are improperly used or not at all. I am, however, able to say that better attention is given in this direction than heretofore, and that it will not be long before all the facilities we have will be used wisely and to the best advantage.

The question undoubtedly will arise:—How shall these difficulties and defects be removed? Why talk about them if we cannot remove them or avoid them?

It will no doubt require some time and patience to correct these faults in the buildings already in use, but it seems to me that it will be wisdom on our part, in so far as is

possible, to see well to it that the errors of the past are not repeated in the future. We should profit by experience. Without intending any disrespect to the class named, I will venture to make a statement, and I do it with respectful deference. Architects as a general rule are not thoroughly informed as to the physiological, moral and intellectual needs of our pupils in the school room; the very things of all others for which wise and ample provision should be made.

There are four types or general plans of school buildings now in use throughout the country. I have reference to the division into halls and class rooms with all their arrangements.

The first I will notice is the combination of audience and class rooms on the same floor. Its object is economy through its utility. Several rooms by means of sliding doors or sashes can be converted into an assembly hall for special school exercises or public occasions. It has some apparent advantages in this direction. This is the plan that prevails in our city. The city of Brooklyn has used it largely in the past, but is now, I understand, changing it. There are a number of objections to it; I shall take time and space here to note only two of them.

First. The attempt to convert a hall or an audience room into a set of class rooms, or a set of class rooms into a hall, generally fails to satisfy either purpose. The object of the hall is largely destroyed, and the use of the class rooms is seriously interfered with by the attempt.

Second. The plan requires that the pupils all face in the same direction, that they may be supervised or addressed from the general platform as a public audience; this usually renders it impossible to properly distribute the light, locate the blackboards and distribute the steam pipes,

matters of the first importance in a study and recitation room ; but most likely would be of small moment in a hall in which no study or class exercises take place.

The second is the independent class room with a large hall in the upper story for public occasions and the occasional assembling of the school. This is the Boston plan, and the one generally prevailing in our large eastern cities. Each class is an independent school, with all the appurtenances necessary for its instruction and management. This plan costs more than the first named, but its advantages are many and marked. Among the most prominent of these is this ; that less general work is done, but more individual effort is secured, in my opinion, to the very great advantage of the pupil. One of the most serious defects in our systems and methods of instruction, is the tendency to mass rather than individualize.

The third plan is the large assembly room with class rooms adjoining ; pupils assemble in the main hall, pass to the class rooms, and at stated times during the day re-assemble in the main room. This plan is still in quite general use in villages and country towns. It has some advantages, but many drawbacks ; chief among these may be named, loss of time in the frequent changes from room to room, and the more or less interference with the personal influence and moulding power of the teacher upon the conduct and character of his pupils.

The fourth is a combination, or rather modification of the independent class room and audience room plans, by means of sliding doors or sashes. The building is constructed with a broad passage hall running through the centre from end to end, or from side to side. This hallway is one of the most important and valuable features in



the building; of its many advantages, the following only can be named here. It makes the ventilation easy and thorough; it avoids the necessity of interrupting the classes by passing through them in attending to the various calls and wants of the school. In case of an alarm or panic there is very little danger of a blockade. The evolutions and various movements of the school, during recesses and dismissals are greatly aided by it. Two rooms can be thrown together by sliding doors, which are solid, and usually hung at the top.

This plan secures all the advantages of the separate class room and also retains, so far as is profitable, the desirable features of the audience room. I am satisfied we endeavor to conduct too many of our exercises with a crowd.

In regard to the furnishing of our school building, I have but a few words to say here, and those in the form of suggestions. I call attention to the matter now, as it should be considered when the building is planned.

I know of no improvement that would aid so much in every direction in the work and results of the school as the substitution of single desks and chairs for the double ones now in use. I would earnestly recommend that all rooms hereafter furnished, be seated with single desks. The advantages are very many, the limits of this report will permit me to name only one or two. A large portion of the discipline now necessary will be avoided, as each pupil sits by himself and is thus removed from most of the temptations that so often overcome him. The pupil will have a better supply of light and pure air, and he will have more breathing space; he will be more accessible to the teacher, and the teacher will be more accessible to him. Many, if not all, the social difficulties



that are sometimes so perplexing and annoying to teachers and parents will be removed from the school room.

### WATER SUPPLY.

An abundant supply of pure water in every school house is important as a hygienic measure ; no less necessary is it than good light and pure air. Yet I fear some of our schools suffer for the want of a more abundant supply of this necessary element. Water should be free and unstinted in every school building. To save expense, I fear, in some cases, its use has been so far curtailed as to seriously effect the sanitary condition of the school. I trust such arrangements will be made with the Water Board, as shall secure, without unreasonable expense to the taxpayers of the city, such supply of water as may be necessary to thoroughly cleanse and keep pure and healthy the water closets and drains of our school houses.

### CONCLUSION.

In summing up the year's work, I think we can safely say some improvement has been made. I think the Board, the teachers and the citizens can feel encouraged. When we consider that twelve new primary classes were organized during the past year ; that the membership of the schools was increased over previous years ; that the average daily attendance reached the highest percentage yet attained ; that the Normal School was thoroughly re-organized and placed on a higher and better basis ; that a Training School has been established and is accomplishing its object beyond the expectations of its best friends ; that the instruction in

the various classes is surely and steadily improving ; that the grade of the schools is slowly but certainly advancing ; that more uniform and better examinations are now conducted in all the classes, the results of which are on file in the office of the Board, for its use, and that the general results of the schools are fairly satisfactory ; surely I think that we have no just cause for discouragement. In closing this report I desire to return thanks to the Board for the prompt and earnest support always accorded to me by every member. I also desire to acknowledge the obligations I am under, to the teachers for their ready support and co-operation.

The foregoing is respectfully submitted,

WM. N. BARRINGER,  
*City Superintendent of Public Schools.*



PART III.



Reference *and* Statistical Tables

—FOR THE—

YEAR 1878.





# THE PUBLIC SCHOOLS

## OF THE CITY OF NEWARK;

THEIR LOCATION, WITH THE NAMES, GRADES AND RESIDENCES OF  
THEIR PRESENT TEACHERS.

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### NORMAL SCHOOL.

This school is located in the High School building. It is held on Saturdays, from 8.30 A. M. to 12.30 P. M.; and is designed for the education and training of teachers for the Public Schools of Newark. In connection with this is a Training School, located in the Market Street Primary School building. The object of the training department is to afford an opportunity to each normal pupil to obtain class-room experience.

### FACULTY.

EDMUND O. HOVEY, A. M.,

*Principal, and Professor of Mental and Moral Philosophy and English Composition.*

Residence—30 Orleans Street.

AUGUSTUS SCARLETT,

*Professor of Theory and Practice of Teaching, Drawing and English Composition.*

Residence—38 South 11th Street.

CORNELIUS A. MARSHALL,

*Professor of Music.*

Residence—110½ Bleecker Street.

LECTURES ON THE PHILOSOPHY OF EDUCATION,  
By Experienced Educators.

## HIGH SCHOOL.

This school is located in the High School building, corner of Washington and Linden streets. The building was erected during the years 1853-4, and the school was opened January 7th, 1855. It contains eleven class rooms and one audience room.

## FACULTY.

EDMUND O. HOVEY, A. M., PRINCIPAL,

*Latin, and Lectures on Natural Science.*

Residence—30 Orleans Street.

## MALE DEPARTMENT.

JAMES M. QUINLAN, A. M.,

*Latin, Greek, Rhetoric and English Literature.*

Residence—71 Roseville Avenue.

A. BAXTER MERWIN, A. M.,

*Latin and Greek.*

Residence—73 Emmett Street.

J. LAWRENCE JOHNSON,

*Mathematics.*

Residence—Verona.

ARTHUR B. GRIFFIN, A. B.,

*Natural Science, Political Economy, English Composition and General History.*

Residence—641 Broad Street.

J. WATSON SMITH, A. B.,

*Chemistry, Geology and Book-keeping.*

Residence—19 Cedar Street.

## FEMALE DEPARTMENT.

MISS CLARA WOODWARD GREENE, VICE PRINCIPAL.

*Geometry, Rhetoric and English Literature.*

Residence—14 Cedar Street.

MISS LYDIA F. REMICK,

*Latin, Astronomy and Physiology.*

Residence—153 Mt. Pleasant Avenue.

MISS LENA A. BOSWORTH,

*Mathematics and Latin.*

Residence—19 Cedar Street.

MISS ISADORE M. WINANS,

*Natural Science and Latin.*

Residence—81 Halsey Street.

MISS MILLIE A. FORSTER,

*Latin, General History and Arithmetic.*

Residence—25 Cottage Street.

MISS ELLA G. BROWN,

*Latin, General History and Arithmetic.*

Residence—29 Orchard Street.

MISS B. FLORA CRANE,

*Latin, General History and Mathematics.*

Residence—210 Sixth Street.

Augustus F. Lewis, Janitor, 29 Bridge street.

## BURNET STREET SCHOOL.

This school is located in the Public School house on Burnet street, First Ward. The building was erected in 1868-9, and contains fourteen class-rooms.

For (G,) (B) and (M) in the following Tables read Girls, Boys and Mixed Classes.

WILLIAM A. BRECKENRIDGE, PRINCIPAL. 10 LOMBARDY STREET.

### GRAMMAR DEPARTMENT.

Esther J. Crosby,	.....	Vice-Principal, ..	35 Burnet street.
Mary O. Williams,	.....	Assistant, (G) ..	Orange, N. J.
Gertrude E. Ryer,	.....	" (B) ..	50 New street.
Julia Myer,	.....	" (G) ..	8 State street.
Eliza Murphy,	.....	" (B) ..	200 Summer avenue.
Harriet M. Moores,	.....	" (G) ..	64 Hylier st., Orange.
Virginia R. Reeve,	.....	" (B) ..	89 New street.

### PRIMARY DEPARTMENT.

Minnie D. Camden,	.....	Vice-Principal, ..	236 High street.
Sarah J. Reeve,	.....	Assistant, .....	112 Central avenue.
Fannie Taylor,	.....	" .....	170 Washington st.
M. Lizzie Kerns,	.....	" .....	21 Halsey street.
Katharine Cottrell,	.....	" .....	Orange, N. J.
Sara E. Merry,	.....	" .....	7 Centre street.
Fannie M. White,	.....	" .....	277 Halsey street.

Joseph Glass, Janitor, 32 M. & E. Railroad avenue.

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## STATE STREET PRIMARY SCHOOL.

This school is located in the Public School house on State street, near Broad. The building contains six class-

rooms. The school was organized September, 1874, mainly to relieve the Webster street school.

ELIZA A. BROOKFIELD, PRINCIPAL, 100 CENTRAL AVENUE.

Eva Myer,	.....	Assistant,	.....	8 State street.
Minerva C. Foster,	.....	"	.....	44 Clay street.
Harriet K. Jenkinson,	...	"	.....	24 Baldwin street.
Mary S. Miller,	.....	"	.....	225 Broad staeet.
Harriet P. Axtell,	.....	"	.....	7 Orleans street.
Sarah A. B. Brookfield,	.	"	.....	100 Central avenue.

Mrs. Elizabeth Koch, Janitress, 424 Broad street.

### JAMES STREET INDUSTRIAL SCHOOL.

This school is located in a two-story frame building at No. 8 James street, First Ward. The building contains three class rooms.

MRS. CATHARINE B. CORY, PRINCIPAL, 51 BLEEKER STREET.

Elizabeth L. Thompson, .Assistant, .....Irvington.

Mrs. Anna A. Barringer, " .....14 Bridge street.

### MARKET STREET PRIMARY SCHOOL.

This school is located in the Public School house in Market street, opposite the Court House, Second Ward. This building contains eight class-room.

BENJAMIN C. GREGORY, PRINCIPAL, 17 CENTRE STREET.

Charlotte A. Genung, ...Assistant, .....120 Central avenue.

M. Amy Sharp, ..... " .....110 Warren street.



M. Louisa Vreeland, . . . .	Assistant, . . . .	14 Arch street.
Mary C. Rodgers, . . . .	" . . . .	343 Washington st.
M. Augusta Sweasy, . . . .	" . . . .	122 Wickliffe street.
Margaret R. Riley, . . . .	" . . . .	100 Pacific street.
Alice A. Moody, . . . .	" . . . .	80½ Thomas street.
Almeda M. Olds, . . . .	" . . . .	148 Washington st.

Mrs. Caroline Marchbank, Janitress, 128 Bank street.

## WASHINGTON STREET SCHOOL.

This school is located in the Public School house on Washington, near Kinney street, Third Ward. The building was erected in 1868, and contains fourteen class-rooms.

SAMUEL W. CLARK, PRINCIPAL, 40 CAMP STREET.

### GRAMMAR DEPARTMENT.

Juliette P. Bradshaw, . . .	Vice-Principal, .	606 High street.
Jane E. Allen, . . . .	Assistant, (B) . .	29 Franklin street.
Martha L. Winans, . . . .	" (G) . .	410 Plane street.
Mary L. Moran, . . . .	" (B) . .	882 Broad street.
Mary F. Bruen, . . . .	" (G) . .	84 Green street.
Mrs. H. M. Willis, . . . .	" (B) . .	579 Orange street.
Minnie J. Lawrence, . . . .	" (G) . .	139 Washington st.

### PRIMARY DEPARTMENT.

Emma L. Taylor, . . . .	Vice-Principal, .	Irvington.
Annie M. Force, . . . .	" . . . .	139½ Washington st.
Margaret A. McNabb, . . .	" . . . .	53 Columbia street.
Annie C. Day, . . . .	" . . . .	28 Parkhurst street.
Nellie B. Thompson, . . . .	" . . . .	102 Pennsylvania ave.
Mary A. McNeill, . . . .	" . . . .	9 Vine street.
Harriet M. Bailey, . . . .	" . . . .	307 South Orange av.

James Cozine, Janitor, 34 Coe's place.

## LAWRENCE STREET SCHOOL.

This school is located in the Public School house on Lawrence, foot of Clinton street, Fourth Ward. The building was erected in 1872-3, and contains twelve classrooms. It was opened for the admission of pupils, September 1, 1873.

CHARLES H. GLEASON....PRINCIPAL....15 SOUTH 14TH STREET.

## GRAMMAR DEPARTMENT.

Phebe Hancock.....	Vice-Principal...	40 Columbia street.
Clara S. Thompson.....	Assistant, (M)...	21 Beach street.
Eliza H. Pierson.....	" (B) ..	215 Mulberry street.
Emma A. Campfield.....	" (G) ..	101 Wright street.
Elizabeth J. Walker.....	" (G) ..	40 Franklin street.
Emily Cameron.....	" (B) ..	39 Rector street.

## PRIMARY DEPARTMENT.

Florence E. Kinney, ....	Vice-Principal, ..	114 Commerce street.
Sarah E. Queman, .....	Assistant, .....	139 Jefferson street.
Cornelia L. Alyea, .....	" .....	41 Hamilton street.
Margaret D. Conover, ...	" .....	45 Division place.
Isabel M. Gore, .....	" .....	72 Park street.
M. Elizabeth Hall, .....	" .....	122 Congress street.

Garry Hopp, Janitor, 11 Lawrence street.

## COLORED SCHOOL.

This school is located in the Commerce Street Public Primary School house, Fourth Ward. The building contains four class-rooms, one unoccupied.

JAMES M. BAXTER.... PRINCIPAL ....184 BRUNSWICK STREET.

Marcia L. King, .....Assistant, .....70 Warren street.

Harriet A. King, ..... " .....70 Warren street.

Mrs. Miriam Lowery, Janitress, 22 Division place.

## LAFAYETTE STREET SCHOOL.

This school is located in the Public School house, corner of Lafayette and Prospect streets, Fifth Ward. The building was erected in 1848-9, and was enlarged in 1863, and again in 1870-71. It contains thirteen class-rooms.

JOSEPH CLARK,....PRINCIPAL,....209 WALNUT STREET.

### GRAMMAR DEPARTMENT.

Elizabeth H. Burr, .....Vice-Principal, ..81 New street.

Mary J. Moorhouse, .....Head-Assistant, .237 Walnut street.

Lizzie S. Thomson, .....Assistant, (B)..79 Murray street.

Lydia A. Mills, ..... " (G)..126 Elm street.

Mary E. Bonsall, ..... " (B)..148 Washington st.

Lizzie Ellyn, ..... " (G)..38 South 11th street.

### PRIMARY DEPARTMENT.

Dora A. Stites .....Vice-Principal..101 Jefferson street.

Sarah J. Ward, .....Assistant, .....99 Walnut street.

Belle S. Stites, ..... " .....101 Jefferson street.

Ida A. Vinson, ..... " .....20 Pennington street.

Adelaide Clarkson, ..... " .....275 Lafayette street.

Georgiana H. Egbert, .... " .....316 Mulberry street.

Irene M. Buttle, ..... " .....50 Liberty street.

Tarleton T. Coleman, Janitor, 124 Lafayette street.

## NEWTON STREET SCHOOL

This school is located in the Public School house on Newton street, Sixth Ward. The building is of brick, three stories high. Two additions have been made to the original building. It was completed in its present condition in September, 1873, and contains seventeen classrooms.

EDWIN SHEPARD, . . . . PRINCIPAL, . . . . 77 COURT STREET.

### INTERMEDIATE DEPARTMENT.

Mrs. Fannie W. Smith,	. . Vice-Principal,	. 122 Wickliffe street.
Ann E. Sayre,	. . . . Assistant,	. . . . 370 Bank street.
Anna A. Baldwin,	. . . . " . . . .	27 Bathgate place.
Elizabeth W. Dougall,	. . . . " . . . .	360 Bank street.

### PRIMARY DEPARTMENT.

Emma L. Hutchings,	. . Vice-Principal,	. 356 Bank street.
Ella H. Riker,	. . . . Assistant,	. . . . 11 Grove street.
Julia N. Layton,	. . . . " . . . .	22 Astor street.
Laura B. Sayre,	. . . . " . . . .	38 Wallace place.
Rebecca McClure,	. . . . " . . . .	117 Wickliffe street.
M. Alice Riker,	. . . . " . . . .	48 Camp street.
Georgie Beers Crater,	. . . . " . . . .	
Lucetta H. Harlow,	. . . . " . . . .	191 Academy street.
Laura A. DeCamp,	. . . . " . . . .	118 Wickliffe street.
Lucy G. Duncan,	. . . . " . . . .	19 Pacific street.
Annie M. Howard,	. . . . " . . . .	166 William street.
Martha M. Sayre,	. . . . " . . . .	370 Bank street.
Annie M. Cramer,	. . . . " . . . .	23 Milton street.

Daniel Vliet, Janitor, 334 Bank street.

## SOUTH TENTH STREET PRIMARY SCHOOL.

This school is located in the Public School house, corner of South Tenth and Blum streets, Sixth Ward, and was opened for the admission of pupils, January 2, 1871. The house is of wood, two stories high, and contains six class-rooms.

WILLIAM M. GIFFIN, . . . .	PRINCIPAL, . . . .	249 LITTLETON AVE.
Elizabeth H. Belcher, . .	Assistant, . .	Clinton ave., W. Irvington.
Antonia V. Roeser, . . . .	" . .	684 Springfield ave.
Juliette E. Tichenor, . . . .	" . .	Cottage street, Irvington.
Maria E. Gardner, . . . .	" . .	132 Warren street.
M. Anna Lutz, . . . .	" . .	176 Washington street.
Cara B. Osborne, . . . .	" . .	Wall street, Irvington.

Mrs. Catharine Penl, Janitress, 547 South 10th street.

## WICKLIFFE STREET PRIMARY SCHOOL.

This school is located in the Public School house, corner of Wickliffe and School streets, Seventh Ward and was opened September 1st, 1873. The building contains six class-rooms.

MARY A. MERSHON, . . . .	PRINCIPAL, . . . .	66 BOSTON STREET.
Sarah M. Baker, . . . .	Assistant, . . . .	396 Market street.
Margaret C. Kelly, . . . .	" . . . .	102 Sheffield street.
Mary S. Pond, . . . .	" . . . .	104 Court street.
Flora E. Smalley, . . . .	" . . . .	279 Norfolk street.
Laura V. Reeve, . . . .	" . . . .	11 Linden street.
Elizabeth Anthony, . . . .	" . . . .	28 Webster street.

Mrs. Elizabeth Welch, Janitress, 15 Wickliffe street.



## WEBSTER STREET SCHOOL.

This school is located in the Public School house, corner of Crane and Webster streets, Eighth Ward. The building was erected in 1855-6, and contains twelve classrooms.

JOSEPH A. HALLOCK, . . . . PRINCIPAL, . . . . 59 TAYLOR STREET.

### GRAMMAR DEPARTMENT.

Sarah A. Fawcett,	.....	Vice-Principal,	..27	Clark street.
Mrs. Martha S. Willis,	...	Assistant, (B)	..202	Summer avenue.
Carrie E. Young,	.....	" (B)	..52	Belleville avenue.
Mary E. Parsons,	.....	Head Assistant,	.137	Belleville avenue.
Anna L. Garrabrant,	....	Assistant, (G)	..234	Orange street.
Sarah M. Gould,	.....	" (G)	..160	Plane street.

### PRIMARY DEPARTMENT.

Annie E. Curtis,	.....	Vice-Principal,	..33	Evergreen pl., E.O.
Emilie M. Kempf,	.....	Assistant,	.....114	Sheffield street.
M. Fannie Bracken,	.....	"	.....22	Mt. Prospect ave.
Sarah J. Sloan,	.....	"	.....36	Belleville avenue.
Mary Strieby,	.....	"	.....253	Broad street.
Myra W. Adams,	.....	"	.....15	Fair street.

William Freeman, Janitor, 73 High street.

## SUMMER AVENUE PRIMARY SCHOOL.

This school is located in a two-story frame building, leased for the purpose, and is situated at the corner of Summer avenue and Kearney street, Eighth Ward. It contains

two class-rooms, and was opened for the admission of pupils, as a branch of the Webster street school November 19, 1877.

JOSEPH A. HALLOCK, . . . . PRINCIPAL, . . . 59 TAYLOR STREET.

Mary A. Baldwin, . . . . Assistant, . . . . 65 Columbia street.

Juliet Dettmer, . . . . " . . . . 15 Seventh avenue.

Mrs. Mary Bennett, Janitress, 32 Bloomfield ave.

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### ELLIOTT STREET PRIMARY SCHOOL.

This school is located in the Public School building corner of Elliott street and Summer avenue, Eighth Ward. The building contains three class-rooms.

CAROLINE A. HALLOCK, . . . . PRINCIPAL, . . . 50 TAYLOR STREET.

Lucy M. Freer, . . . . Assistant, . . . Riverside ave., Woods'e

Jessie B. Mikels, . . . . " . . . Irvington.

Henry Hood, Janitor, 99 Lincoln ave.

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### CHESTNUT STREET SCHOOL.

This school is located in the Public School house on Chestnut street, Ninth Ward. The building was erected in 1859-60, and was enlarged in 1870. It contains sixteen class-rooms.

FRANCIS N. TORREY, . . . . PRINCIPAL, . . . 14 CAMP STREET.

#### GRAMMAR DEPARTMENT.

Louisa M. Mundy, . . . . Vice-Principal, . . 54 Howard street.

Anna E. Harrison, . . . . Assistant, (B) . . 33 Nichols street.

Jennie D. Miller,	.....	Assistant, (B) ..	164 Orchard street.
Anna M. Sanford,	.....	" (B) ..	29 New street.
Mary A. Hennion,	.....	Head-Assistant, .	105 Bruen street.
Emma F. Sipp,	.....	Assistant, (G) ..	388 Market street.
M. Ida Johnson,	.....	" (G) ..	88 Wright street.
M. Caroline Keene,	.....	" (G) ..	108 Orchard street.

## PRIMARY DEPARTMENT.

Annie M. Miller,	.....	Vice-Principal, .	164 Orchard street.
Cornelia A. VanNortwick,	Assistant, .....	163	Quitman street.
Mary J. Kilburn,	.....	" .....	114 Elm street.
Alma Dell Martin,	.....	" .....	9 Austin street.
Marion Richardson,	.....	" .....	82 New street.
Anna S. Larew,	.....	" .....	120 Orchard street.
Laura O. VanCourt,	.....	" .....	75 Johnson avenue.
Jennie F. Delano,	.....	" .....	48 Pennington street.

Sampson Simmons, Janitor, 43 Arlington street.

## OLIVER STREET SCHOOL.

This school is located in the Public School house on Oliver street, near Pacific, Tenth Ward. The building was erected in 1869, and contains fourteen class-rooms.

WILLIAM HENRY ELSTON, ..PRINCIPAL, ..32 BALDWIN ST.

## GRAMMAR DEPARTMENT.

Susie Steel,	.....	Vice-Principal, ..	30 Baldwin street.
Sarah E. Beam,	.....	Assistant, (B) ..	23 Warwick street.
Carrie C. Hutchings,	.....	" (G) ..	58 Hamilton. street.
Kate H. Belcher,	.....	" (B) ..	Irvington.

Emma Finter,	.....	Assistant (G)	..108 Congress street.
Electa M. Butler,	.....	" (B)	..174 Walnut street.
Mary S. Benjamin,	.....	" (G)	..46 Parkhurst street.

## PRIMARY DEPARTMENT.

Laura C. Delano,	.....	Vice-Principal,	.212 Jefferson street.
M. Henrietta Price,	.....	Assistant,	.....27 Pacific street.
Kate Roche,	.....	"	.....13 Mulberry place.
Emma L. Lewis,	.....	"	.....46 Liberty street.
Hannah Moore,	.....	"	.....118 Miller street.
Mary D. Kirkpatrick,	....	"	.....113 Jefferson street.
Emma Hobbs,	.....	"	.....210 Elm street.
Fannie Steele,	.....	"	.....30 Baldwin street.

John Aign, Janitor, 138 Pacific street.

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## WALNUT STREET PRIMARY SCHOOL.

This school is located in the Public School building on Walnut street, Tenth Ward. It was erected in 1862, and remodeled in 1877. It contains eight class-rooms.

WILLIAM P. B. URICK..PRINCIPAL..224 LAFAYETTE ST.

Alice E. Johnson,	.....	Assistant,	.....69 Adams street.
Vesta Lyle,	.....	"	.....277 Walnut street.
Eliza J. Ross,	.....	"	.....72 South street.
Ida L. Williams,	.....	"	.....65 Elm street.
Emma F. Baldwin,	.....	"	...23 Warwick street.
Charlotte M. Holbrook,	..	"	.....34 Park street.
M. Eliza Whitfield,	.....	"	.....106 Pennington st.
Mary A. Young,	.....	"	.....295 East Kinney st.
Louise H. Glorieux,	.....	"	.....81 Montgomery st.

Edward H. Runyon, Janitor, 265 Walnut street.

### THOMAS STREET PRIMARY SCHOOL.

This school is located in a chapel, leased for the purpose, on Thomas street, Tenth Ward. The building contains two class-rooms, and was opened for the admission of pupils, January 3, 1876.

EUNICE A. McLEOD, . . . PRINCIPAL . . . 30 LIBERTY STREET.

Lydia A. Denton, . . . . . Assistant, . . . . . 58 Lafayette street.

Mrs. Louisa Seeburger, Janitress, 159 Thomas street.

### SOUTH EIGHTH STREET SCHOOL.

This school is located in the Public School house on South Eighth street, near Central avenue, Eleventh Ward. The building was erected in 1872-3, and contains twelve class-rooms.

AUGUSTUS SCARLETT . . . PRINCIPAL . . . 38 SOUTH 11TH STREET.

#### GRAMMAR DEPARTMENT.

Mary A. Dougall, . . . . . Vice-Principal, . 360 Bank street.  
 Hester M. Baldwin, . . . . . Assistant, (M) . . 112 North Sixth st.  
 Alvia C. Adams, . . . . . " (M) . . 147 Third street.  
 Sarah B. Scarlett, . . . . . " (M) . . 38 South Eleventh st.  
 Elizabeth C. More, . . . . . " (M) . . 395 Sussex avenue.

#### PRIMARY DEPARTMENT.

Anna C. Dunnell, . . . . . Vice-Principal, . South Orange.  
 Alma H. Thomas, . . . . . Assistant, . . . . . 601 Warren street.  
 Lucasta C. Baldwin, . . . . . " . . . . . 37 Myrtle avenue.  
 Francis V. Gould, . . . . . " . . . . . 547 Orange street.



Ida L. Redman,	.....Assistant,	.....48 First street.
Agnes Young,	. . . . .“	.....100 North 7th street.
Ida M. Pfeifer,	.....“	.....503 Warren street.

Elias M. Baldwin, Janitor, 69 South Eighth street.

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## NORTH SEVENTH STREET PRIMARY SCHOOL.

This school is located in the Public School building on North Seventh street, near Fifth avenue, Eleventh ward. The building was removed from Roseville avenue to this place, and the school was opened September 6, 1874. It contains six class-rooms, three of which are unoccupied.

MARY WORLD..PRINCIPAL..108 PENNSYLVANIA AVE.

Evaldeen A. Drake,	.....Assistant,	.....143 S. Second street.
Laura F. Ryerson,	.....“	.....14 John street.

James Quinn, Janitor, 52 Bergen street.

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## SOUTH MARKET STREET SCHOOL.

This school is located in the Public School house, corner of South Market and Mott streets, Twelfth ward. The building was erected in 1855-6, and opened for the admission of pupils May 4, 1857. It contains twelve rooms.

J. NEWTON SMITH..PRINCIPAL..583 WARREN STREET.

### GRAMMAR DEPARTMENT.

Mary Lawrence,	.....Vice-Principal,	.43 Nichols street.
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Ella K. Jacobus,	.....	Assistant.	(M).23 Magazine street.
Marietta Righter,	.....	"	(M).208 Walnut street.
Emily Boughner,	.....	"	(M).287 Walnut street.

## PRIMARY DEPARTMENT.

Martha J. Coursen,	.....	Vice-Principal,	.356 Fourteenth ave.
Caroline J. Kent,	.....	Assistant,	.....102 Ridgewood ave.
Euphemia F. Sipp,	.....	"	.....388 Market street.
Clarasenath Lutz,	.....	"	.....176 Washington st.
Elizabeth Leffingwell,	...	"	.....63 Congress street.
A. Ella Van Brunt,	.....	"	.....121 Elm street.
Emma C. Gemar,	.....	"	.....52 Ferry street.
Elizabeth F. Tuite,	.....	"	.....220 Elm street.

Michael Clark, Janitor, Mott street, corner Bowery.

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## CLOVER STREET INDUSTRIAL SCHOOL.

This school is located in a two-story frame building, leased for the purpose, situated on Clover street, Twelfth ward. It was opened in February, 1872, and contains two class-rooms.

EMMA LOUISA DeCAMP..PRINCIPAL..118 WICKLIFFE ST.

Harriet W. Mullison, ....Assistant, .....26 Beach street.

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## MORTON STREET SCHOOL.

This school is located in the Public School house corner of Morton and Broome streets, Thirteenth ward. The building was erected in 1851; enlarged by the addition of

four Primary School rooms in 1861 ; again in 1869 by the addition of six class-rooms on the front. It contains sixteen class-rooms.

JOSEPH E. HAYNES..PRINCIPAL..433 PLANE STREET.

GRAMMAR DEPARTMENT.

M. Eliza Sears,	.....	Vice-Principal,	.698 High street.
Mary F. Miller,	.....	Head-Assistant,	137 Bank street.
Maria L. Spinning,	.....	Assistant,	(M)..33 Franklin street.
Gertrude A. Mershon,	...	"	(M).433 Plane street.
Lydia W. Hand,	.....	"	(M).18th st. near 19th av.
Fannie D. Aschenbach,	..	"	(M).23 West street.
Louise Chedister,	.....	"	(M).209 Mulberry street.

PRIMARY DEPARTMENT.

Delia M. Spinning,	.....	Vice-Principal,	.33 Franklin street.
Mary A. Hinman,	.....	Assistant,	.....18 Baldwin street.
Elizabeth V. Brant,	.....	"	.....23 Arch street.
Sarah L. Todd,	.....	"	.....309 Washington st.
Linda M. Geraghty,	.....	"	... 114 New street.
Josephine Beach,	.....	"	.....77 Parkhurst street.
Harriet H. Stillman,	....	"	.....41 Waverly place.
Harriet E. Hedden,	.....	"	.....406 Halsey street.
Isabella G. Grover,	.....	"	.....97 Court street.

James Simms, Janitor, 132 Baldwin street.

## EIGHTEENTH AVENUE SCHOOL.

This school is located in the Public School building on Eighteenth avenue, between Boyd and Livingston streets, Thirteenth ward. The building was opened for the admis-

sion of pupils September, 1871, and contains fifteen rooms, two of which are unoccupied.

J. WARD SMITH..PRINCIPAL..RIDGEWOOD AVE.

INTERMEDIATE DEPARTMENT.

Mrs. C. L. D. Smith, .... Vice-Principal, ..Ridgewood avenue.  
Margaret Baird, ..... Assistant, .....102 Sherman avenue.

PRIMARY DEPARTMENT.

Emma F. Woodward, .... Assistant, .....	40 Spruce street.
Virginia Smith, .....	" .....104 Thomas street.
S. Evaline Durand; .....	" .....424 Washington st.
Harriet E. Ball, .....	" .....1 Broome street.
Elizabeth Moore, .....	" .....94 Walnut street.
M. Jennie Morris, .....	" .....Peshine avenue.
Margaret A. Day, .....	" .....28 Parkhurst street.
Margaret A. Rasch, .....	" .....167 Boyd street.
Mary E. Johnson, .....	" .....33 Barclay street.
Agnes A. Wood, .....	" .....94 Wright street.
Emma E. Ortland, .....	" .....43 West street.

Christian Tasche, Janitor, 65 Charlton street.

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ELIZABETH AVENUE PRIMARY SCHOOL.

This school is located in the Public School house on Elizabeth avenue, Fourteenth ward. The building contains two class-rooms.

S. FANNIE CARTER..PRINCIPAL..22 WEBSTER STREET.

Mary E. Romaine, ..... Assistant, .....10 Orchard street.

Mrs. James Mulligan, Janitress, 275 Elizabeth avenue.

## CENTRAL AVENUE SCHOOL.

This school is located in the Public School house on Central avenue, near Newark street, Fifteenth ward. It was erected 1871-2, and contains fourteen class-rooms.

GEORGE O. F. TAYLOR..PRINCIPAL..IRVINGTON.

## GRAMMAR DEPARTMENT.

Maria E. Morgan,	.....	Vice-Principal,	.122 Sixth street.
Belle Lambson,	.....	Assistant, (M)..	27 New street.
Laura V. Garabrant,	.....	" (M)..	13 Plum street.
Agnes C. Weed,	.....	" (M)..	211 Plane street.
M. Ida Dean,	.....	" (M)..	39 Wilsey street.

## PRIMARY DEPARTMENT.

Agnes K. Lambson,	....	Vice-Principal,	. 27 New street.
Margaret Hollum,	.....	Assistant, .....	175 James street.
Esther F. Hedden,	.....	" .....	77 Burnet street.
Jennie B. Canfield,	.....	" .....	243 Central avenue.
Sarah A. Avery,	.....	" .....	122 Halsey street.
Isabella McClure,	.....	" .....	117 Wickliffe street.
Laura G. Collings,	.....	" .....	6 Rowland street.
Ida Van Duyne,	.....	" .....	161 High street.
Adelaide D. Miller,	.....	" .....	137 Bank street.

Thomas Johnson, Janitor, 280 Central avenue.

## LOCK STREET PRIMARY SCHOOL.

This school is located in the Public School house on Lock street, Fifteenth ward. The building, which was unoccupied



for several years, has been recently repaired and furnished. It contains four large class-rooms, two of which are unoccupied.

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GEORGE O. F. TAYLOR..PRINCIPAL..IRVINGTON.

Emma J. Smith, . . . . .Vice-Principal, .18 Franklin street.

Mrs. M. Augusta Gillott, .Assistant, . . . . .30 Lemon street.

Mrs. Annie Howe, Janitress, 73 Lock street.

# SCHEDULE OF TEACHERS' SALARIES.

ADOPTED JUNE, 1877.

GRADE.	First Year.	Second Year.	Third Year.	Fourth Year.	Fifth Year.	Sixth Year.
NORMAL SCHOOL.						
Principal—Male.....	\$250					
Vice-Principal—Male.....	225					
Assistant ".....	200					
HIGH SCHOOL.						
Principal—Male.....	\$1,975	\$2,075	\$2,150			
First Assistant—Male.....	1,175	1,250	1,350			
Second ".....	925	1,000	1,100			
Vice-Principal—Female.....	1,100	1,200	1,300			
First Assistant ".....	750	800	850			
Second ".....	650	700	750			
Third ".....	550	600	650			
GRAMMAR SCHOOLS.						
Principal—Male.....	1,600	1,700	1,800			
Vice-Principal—Male.....	900	1,000	1,100			
" Female.....	650	700	750			
Head Assistant ".....	500	550	600	625	650	675
Assistant—Male Department—Female.....	475	525	575			
" Female ".....	425	475	525			
" Mixed Classes ".....	450	500	550			
INTERMEDIATE SCHOOLS.						
Principal—Male.....	1,200	1,300	1,400			
Vice-Principal—Female.....	600	650	700			
Assistant—Grammar Grade—Female.....	425	475	525			
" Primary ".....	300	350	425	475	500	525
PRIMARY SCHOOLS.						
Principal—Male.....	900	1,000	1,100			
" Female.....	650	700	750			
Vice-Principal—Female.....	475	525	575	600	650	700
Assistant ".....	300	350	425	475	500	525
INDUSTRIAL SCHOOLS.						
Principal—Female.....	475	525	575			
Assistant ".....	300	350	425	475	500	525
COLORED SCHOOL.						
Principal—Male.....	1,000	1,100	1,200			
Assistant—Female.....	300	350	425			
EVENING SCHOOLS.						
Principal—Male.....	40	per	month			
Assistant ".....	30	"	"			
" —Female.....	25	"	"			

## BASIS OF DEDUCTION OF TEACHERS' SALARIES.

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1. Teachers temporarily absent on account of sickness whenever such absence does not exceed five days in any two months, shall receive their salary for the full time, out of which such teacher shall pay his or her substitute at the prescribed rate. If the time of such absence exceeds five days in any two months, the salaries of such teachers shall be deducted for the excess, and the Secretary shall pay the substitute as required.

2. Teachers absent from other causes than sickness shall forfeit their salary during the time of absence.

3. Teachers absent from Teachers' Monthly Institute, if sick, will forfeit the price of a substitute for one-half day, if not sick, one-half day's full salary shall be deducted.

4. For every five times tardy the teacher will forfeit one-half day's salary.

5. A teacher is tardy if not present in the class room 15 minutes before the opening of the morning session, and 10 minutes before the opening of the afternoon session.

All time lost after the expiration of the 15 minutes in the morning or the 10 minutes in the afternoon, is to be reported as absence, and every 2 1-2 hours absence shall forfeit one-day's salary.

6. A Principal is late if not present on the school premises prepared for school work, in accordance with the rule for class teachers. Principals and class teachers leaving school during school hours for any cause will mark themselves as absent, and the occasion of such absence shall be marked upon the record, but if absent on legitimate school duty such absence need not be reported for record in the Annual Report of the Board of Education.

## SCHEDULE OF JANITORS' SALARIES.

APRIL 1ST, 1879.

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High school, Burnet street, Washington street, Lawrence street, Lafayette street, Newton street, Webster street, Chestnut street, Oliver street, South Eight street, South Market street, Morton street, Eighteenth ave. and Central avenue schools, each \$40 00 per month.

State street, Market street, Wickliffe street, South Tenth street, Walnut street and North Seventh street schools..... " 30 00 "

Colored school, Summer avenue, Elliott street, Thomas street, Elizabeth avenue and Lock street schools..... " 15 00 "

One dollar and twenty-five cents per month extra for each class room occupied during Evening school—no other extra

Janitors to furnish all brooms, dusters, dust-pans, etc., necessary for scrubbing, sweeping and dusting school rooms, at their own expense.

For Janitors' duties, see Regulations of the Board.

## ORDER OF EXERCISES

OF THE PUBLIC SCHOOLS OF THE CITY OF NEWARK.

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The Public Schools of the City of Newark shall be opened and closed at the times specified in the Regulations of the Board of Education.

The daily morning session of all the Public schools which assemble during the day shall be opened, and the evening session of the Public Evening schools shall be closed, with the reading of a portion of the Holy Scriptures, without note or comment, and the reading of the Lord's Prayer. Exercises in vocal music may take place at the opening and closing of the school, and such exercises shall occupy no more than fifteen minutes.

No pupil in any Primary school shall be required to learn *any* lesson out of school, and no pupil in the High or Grammar schools shall be required to learn more than one lesson each day out of school hours, nor shall any pupil be allowed to take from any school building any books, slates, maps, etc., except such as may be necessary for the purpose before mentioned.

A table of the daily exercises of the several classes in each of the Public schools, and the time allotted to each exercise, arranged in conformity to the manual of instruction, shall be prepared by the Principal of each school, in concurrence with the City Superintendent of Public Schools, and shall be strictly observed by the teachers. Each Principal shall furnish the City Superintendent with a copy of this table.



# MANUAL OF INSTRUCTION.

## PRIMARY DEPARTMENT.

	READING.	ARITHMETIC.	GEOGRAPHY.	DRAWING.	ORAL LESSONS.	WRITING.
4th GRADE.	The Cards complete and begin the Primer; Phonic exercises.	Count by 1s, 2s and 3s, to 100. Make all the figures correctly. Numeration, 1st Period.		Cards No. 1.	Home, Food, Clothing, Shelter, Source of Happiness. School, { What cannot be seen. Animals, domestic; days of the week, months of the year, time on the clock-face.	Printing on Slate.
3d GRADE.	Finish Primer and 1st Reader; spell all the words. Phonic exercises and spelling.	Count by 4s, 5s and 6s, to 100. Complete Addition and begin Subtraction; Numeration, 2d period.		Cards No. 2.	Objects at home and school; parts of human body; distance, direction, time continued; form, size, color, illustrated by objects.	Writing on slate; writing name of the pupil.
2d GRADE.	2d Reader; spell all the words. Phonic exercises and spelling.	Multiplication Table thoroughly learned; count by 7s, 8s and 9s to 100; exercises in Addition, Subtraction, Multiplication, and Short Division.	Oral Lessons.	Cards No. 3.	Trees, plants and flowers; qualities; form, size and color; human body, senses; tables of weights and measures; laws of health; articles we buy of grocers.	Writing on slate; writing names.
1st GRADE.	Second and Third Readers; Phonic spelling; spell all the words.	Multiplication Table thoroughly reviewed; Division; complete Primary Arithmetic.	Quyet's Elementary Geography, to page 39.	Review Cards, 1, 2, and 3; Drawing from objects. Map Drawing.	Occupations of men, women and children; manufactured articles; conveyance on land and water; qualities; human body, with its parts and uses.	No. 3 Writing book.

ORAL MORAL INSTRUCTION shall be given in all the classes on the topics assigned in such a manner and degree as may suit the age and capacity of the pupil.

MORAL INSTRUCTION.—Habits of order; behavior; duties to parents, teachers, schoolmates, the helpless and needy; neatness; self-control.

# MANUAL OF INSTRUCTION.—CONTINUED.

## GRAMMAR DEPARTMENT.

	READING.	ARITHMETIC.	GEOGRAPHY.	GRAMMAR.	HISTORY.	WRITING.
4th GRADE.	3d Reader; Spelling.	Practical Examples in Multiplication and Division, and all U. S. money. Troy weight and English money.	Guyot's Elementary completed.	Oral Lessons; exercises in composition.		No. 3.
3d GRADE.	Complete 3d Reader; Spelling.	Compound Numbers, and Subtraction of Fractions.	Guyot's Intermediate, to Europe.	Etymology, through Tenses; exercises in Composition.		No. 4.
2d GRADE.	Fourth Reader and Spelling.	From Subtraction of Fractions to Profit and Loss.	Guyot's Intermediate, completed.	Etymology and Rules of Syntax; exercises in Composition.	To events of 1777.	Nos. 5 and 6.
1st GRADE.	Fifth Reader and Spelling.	Profit and Loss and finish the Arithmetic.	Geography Reviewed.	Grammar, to Prosody; Orthography; Declamation and Composition every two weeks.	From events of 1777 to end of book.	No. 7; exercises, Book-keeping.

Calisthenics or light gymnastics, with vocal exercises, shall be practiced in all the classes at least once each half day. Singing every day. Industrial drawing twice each week, and writing three times.

## MANUAL OF INSTRUCTION.--CONTINUED.

## HIGH SCHOOL.

## COMMERCIAL COURSE.--(TWO YEARS.)

1st year, 1st half.	Commer'l Arithmetic	Book-keeping.	History.
1st " 2d "	Algebra.	" "	"
2nd year, 1st half.	Algebra.	Book-keeping. Com- mercial Law and Cor- respondence.	Natural Philosophy.
2nd " 2nd "	"	Civil Government.	" History.

## CLASSICAL COURSE.--(FOUR YEARS.)

1st year, 1st half.	Com'l Arithmetic	Latin, Gram. & Reader	History.
1st " 2nd "	Algebra.	" " "	"
2nd year, 1st half.	Algebra.	Cæsar.	Greek, Gram. & Lessons.
2nd " 2nd "	"	"	" " "
3rd year, 1st half.	Geometry.	Cicero.	Anabasis, or Reader.
3rd " 2nd "	"	"	" " "
4th year, 1st half.	History of Greece and Rome.	Virgil.	Homer.
4th " 2nd "	Review.	"	"

## ENGLISH AND SCIENTIFIC COURSE.--(FOUR YEARS.)

1st year, 1st half.	Com'l Arithmetic	Latin, or Book-keeping.	History.
1st " 2nd "	Algebra.	" " " "	"
2nd year, 1st half.	Algebra.	Cæsar, or Book-keeping.	Natural Philosophy
2nd " 2nd "	"	" " Civil Government.	" History.
3rd year, 1st half.	Geometry.	Cicero, or English Analysis.	Physiology.
3rd " 2nd "	"	" " Political Economy.	Astronomy.
4th year, 1st half.	Trigonometry.	Virgil, or Rhetoric.	Geology.
4th " 2nd "	Review.	" " English Literature.	Chemistry.

Drawing, Composition and Declamation in all the Classes.

## MANUAL OF INSTRUCTION.—CONCLUDED.

## NORMAL SCHOOL.

## FIRST TERM.

Mental Philosophy.	Theory and Practice of Teaching Arithmetic.	Music.
Moral Science.	Drawing.	Physical Culture.

## SECOND TERM.

Mental Philosophy.	Theory and Practice of Teaching Language.	Music.
Moral Science.	Drawing.	Physical Culture. Lectures on the Philosophy of Education.

## THIRD TERM.

Mental Philosophy.	Theory and Practice of Teaching Geography.	Music.
Moral Science.	Drawing.	Physical Culture. Lectures on the Philosophy of Education.

In addition to the above course, each pupil in the Normal School is required to spend at least eight weeks in practical class-room work, in the Training School under the special direction of the City Superintendent, Principal of the Normal School, and the Principal of the Training School.

CATALOGUE OF THE  
SCHOOL BOOKS AND STATIONERY  
FURNISHED TO THE PUBLIC SCHOOLS BY THE  
BOARD OF EDUCATION.

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PRIMARY SCHOOLS.

*Arithmetic.*—Felter's Primary Arithmetic.

*Geography.*—Guyot's Elementary Geography.

*Reading.*—Franklin First, Second and Third Readers; Sander's Union Primer; Sander's Union Readers, Nos. 1, 2 and 3; Monroe's First, Second and Third Readers; Watson's Independent First, Second and Third Readers; and Monroe's School Charts.

*Music.*—Jepson's First Music Book.

*Writing.*—Payson, Dunton and Scribner's Writing Books, Shorter Course, No. 3.

*Drawing.*—Walter Smith's Primary Manual of Drawing; Smith's Primary Drawing Cards, First and Second Series.

*Oral Lessons.*—Calkin's Primary Object Lessons; Hooker's Child's Book of Nature, Part 1, 2 and 3; Brown's Manual of Commerce; Sheldon's Object Lessons.

*Stationery.*—David's Ink; Gillott's Pens, No. 351; Penholders; Inkwells; Inkwell Covers; Teacher's Inkstands; Blotters; Practice Paper for Drawing and Writing; Slate Pencils; Pencilholders; Crayons; Slates, 5x8, 6x9; Numeral Frames; Foolscap and Examination Paper; Mucilage and Thermometers.

*Miscellaneous.*—Webster's National Dictionary.



## GRAMMAR SCHOOLS.

*Arithmetic.*—Felter's Intermediate, Advanced and Complete Arithmetics.

*Geography.*—Guyot's Elementary and Intermediate Geographies.

*Spelling.*—Swinton's Word Book.

*Grammar.*—Swinton's Language Primer; Brown's First Lines of Grammar.

*History.*—Anderson's G. S. United States History.

*Writing.*—Payson, Dunton and Scribner's Writing Books, Shorter Course, Nos. 4 and 5; Larger Books, Nos. 5, 6, and 7.

*Music.*—Song Garden, No. 2.

*Drawing.*—Walter Smith's Intermediate Manual; Smith's Intermediate Drawing Book, Nos. 1 and 2.

*Reading.*—Franklin Third, Fourth and Fifth Readers; Sander's Union Readers, Nos. 3, and 4; Monroe's Third and Fourth Readers; Watson's Independent Third, Fourth and Fifth Readers.

*Stationery.*—David's Ink; Gillott's Pens, No. 351; Penholders; Inkwells; Inkwell Covers; Teacher's Inkstands; Blotters; Slate Pencils; Faber's Lead Pencils, No. 4; Pencil Protectors; Spelling Slates; Slates, 6x9 and 6½x10; Crayons; Practice Paper, for writing and drawing; Foolscap and Examination Paper; Mucilage and Thermometers.

*Miscellaneous.*—Websters' National Dictionary.

## HIGH SCHOOL.

*Mathematics.*—Olney's Science of Arithmetic; Davies' University Algebra; Ray's Algebra, Part II; Brooks' Elementary Geometry.

*Latin.*—Harkness' Introduction; Harkness' Grammar; Harkness' Reader; Harkness' Prose Composition; Arnold's Prose Composition; Chase and Stuart's Cæsar; Chase and Stuart's Cicero; Chase and Stuart's Virgil's Eneid; Chase and Stuart's Virgil's Eclogues.

*Greek.*—Harkness' First Book; Leighton's Lessons; Goodwin's Grammar; Jones' Prose Composition; Boise's Xenophon's Anabasis; Owen's Homer's Iliad.

*Natural Science.*—Hooker's Natural History; Dana's Geological Story; Lockyer's Astronomy; Rolfe and Gillette's Hand-book of Natural Philosophy; Elliot and Storer's Elementary Chemistry; Hutchinson's Physiology and Hygiene; Gray's How Plants Grow.

*Language and Literature.*—Quackenbos' Rhetoric; Quackenbos' First Lessons in Composition; Gilmore's Art of Expression; Backus' Shaw's English Literature.

*Miscellaneous.*—Townsend's Civil Government; Wayland's Political Economy, Abridged; Webster's National Dictionary; Bryant and Stratton's Common School Book-keeping and Blanks; The Triumph; Anderson's General History.

*Stationery.*—Same as for Grammar School.

## NORMAL SCHOOL.

*Science.*—Upham's Mental Philosophy; Wayland's Moral Science.

*Music.*—The Triumph; Jepson's First Music Book.

*Stationery.*—Same as for Grammar Schools.

## Instructions for Preparing Cards, Reports, etc.

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Records of attendance, scholarship and deportment shall be kept in all the Public schools, in a manner prescribed by the City Superintendent, and in accordance with Rule 91 of the Regulations. These records shall be uniform in all schools of the same grade.

### RULES FOR KEEPING RECORDS.

FIRST.—Any pupil who shall have been present five days, during any term, shall be enrolled as a member of the school; and whenever present five days during any one month, shall be considered an enrolled pupil for that month.

SECOND.—When a teacher shall have satisfactory evidence that a pupil has left school, without the intention of returning, such pupil's name shall be immediately stricken from the roll, but any absence recorded against such pupil, before the teacher receives such information, shall remain and shall be regarded as other absences.

THIRD.—When a pupil is suspended from school, by any of the rules of the Board, his or her name shall be stricken from the roll forthwith.

FOURTH.—When a pupil has been absent from school more than five consecutive days, *for any cause*, his or her name shall be stricken from the roll at the end of five days; the absence, however, shall be recorded while the name remains on the roll.

FIFTH.—Regular pupils whose names have been enrolled,

but who are not present on the first day of any subsequent term during that year, shall be marked absent.

SIXTH.—The number of enrolled pupils, for each month, shall consist of all such as are members of the school for that month, in accordance with the foregoing Rules.

SEVENTH.—The average number of enrolled pupils for any month, term or year, shall be found by dividing the whole number of days of *membership* by the number of days of *school* during the month, term or year. -

EIGHTH.—The average daily attendance of any class or school, for any period of time, shall be found by dividing the whole number of days the pupils have been *present* by the number of days the school has been open during such period.

NINTH.—The percentage of attendance shall be found by dividing one hundred times the average daily attendance by the average number enrolled.

#### DEPORTMENT CARDS, ETC.

The scholarship and deportment of each pupil shall be marked on his card on the following basis :

Twenty is the highest number of credit marks a pupil can receive in one day, either in scholarship or deportment, and one hundred the highest for one week ; and this can only occur when the pupil has been present and perfect each day.

The number sent home on the card will show—not the per cent. for the week—but the actual number of credit marks received for the days present. The card should show also the number of days absent and the times tardy, and whether on account of sickness or otherwise.

## MONTHLY CERTIFICATES.

Monthly Certificates of approbation shall be awarded to pupils in the Grammar and Primary schools on the following basis :

The punctuality must be 100 per cent.—no tardiness will be excused. A pupil may be *excused* one day in each month for *sickness only*.

*Attendance.* A pupil, if absent one day from sickness, will be marked 95 per cent.; if absent one-half day,  $97\frac{1}{2}$  per cent. Such absence does not affect his percentage for scholarship or deportment; for in such cases the sum of the credits for the month will be divided by 19 or  $19\frac{1}{2}$  instead of 20.

In scholarship and deportment the pupil must receive 95 per cent. to entitle him to a certificate.

## YEARLY TESTIMONIALS.—RULE 92.

At the close of each *school year*, all pupils in the High Grammar and Primary schools who have not been *voluntarily tardy* nor *absent* more than *ten* days during the *year*, and *that* on account of personal sickness or sickness or death in family of which the pupil is a member, and whose record shall show an average of 95 per cent. for the year, shall receive testimonials for “DISTINGUISHED MERIT.”

Pupils transferred from one school to another during the year will take with them a certificate of their record from the school they leave.

In estimating attendance, no absence—*except from sickness*—and no tardiness will be excused.

Absence on excused stormy days will affect the pupil the same as absence on account of sickness.

## TABLE A.

## NUMBER OF CHILDREN OF SCHOOL AGE.

The assessors who took the census of the children of school age (between the ages of five and eighteen years) report the names of 39,250 children for the year 1878, as follows :

WARD		ASSESSOR.	NO. OF CHILDREN.
First	Ward.....	Daniel Walsh .....	1,748
Second	" .....	William B. Smith .....	1,593
Third	" .....	Wm. H. Young .....	2,463
Fourth	" .....	Ransford A. Kirk .....	1,759
Fifth	" .....	Wm. P. Daly .....	1,497
Sixth	" .....	F. J. Ward .....	4,808
Seventh	" .....	Patrick McManus .....	2,777
Eighth	" .....	Farrand Kitchell .....	2,695
Ninth	" .....	Joseph L. Miller .....	1,253
Tenth	" .....	P. F. Reilly .....	4,003
Eleventh	" .....	Richard E. Hunt .....	1,874
Twelfth	" .....	Wm. Spubler .....	4,150
Thirteenth	" .....	Herman Stoeckel .....	6,006
Fourteenth	" .....	Ira L. Smith .....	812
Fifteenth	" .....	Samuel R. Cairns .....	1,812

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 39,250

Number of children reported by assessors in 1878, 39,250

Number of children reported by assessors in 1877, 37,315

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 Increase..... 1,935

The assessors were paid the sum of \$1,962.50, or five cents a name.



# TABLE B.

## REPAIRS OF SCHOOL HOUSES, 1878.

	Ordinary Repairs.	Extraord'ary Repairs.	Whole Amount Expended
High School Building.....	\$90 53	.....	194 31
Flagging.....	.....	103 78	.....
Burnet Street School Building.....	440 28	.....	515 28
Putting in Obscured Glass.....	.....	75 00	.....
State Street School Building.....	102 95	.....	102 95
James Street Industrial School Building.....	2 91	.....	2 91
Market Street School Building.....	192 45	.....	252 19
Wardrobe.....	.....	43 28	.....
Speaking Tubes.....	.....	16 46	.....
Washington Street School Building.....	153 02	.....	153 02
Lawrence Street School Building.....	114 91	.....	114 91
Commerce Street Col'd School Building.....	47 42	.....	47 42
Lafayette Street School Building.....	211 71	.....	372 62
Flagging.....	.....	122 89	.....
Wash Bowl.....	.....	38 02	.....
Newton Street School Building.....	221 58	.....	324 26
Flagging.....	.....	83 68	.....
Wash Bowl.....	.....	19 00	.....
South 10th Street School Building.....	197 36	.....	417 21
Flagging.....	.....	155 62	.....
Urinals.....	.....	64 23	.....
Wickliffe Street School Building.....	206 31	.....	252 41
Flagging.....	.....	5 10	.....
Iron Gates.....	.....	41 00	.....
Webster Street School Building.....	400 14	.....	400 14
Summer Avenue School Building.....	16 36	.....	16 36
Elliott Street School Building.....	80 37	.....	105 37
Grading and Resetting Fence.....	.....	25 00	.....
Chestnut Street School Building.....	155 41	.....	183 41
Wash Basin.....	.....	28 00	.....
Oliver Street School Building.....	341 23	.....	398 23
Wash Basin.....	.....	27 00	.....
Gas Service.....	.....	30 00	.....
Walnut Street School Building.....	91 31	.....	384 31
Building Cloak Rooms.....	.....	293 00	.....
Thomas Street School Building.....	116 76	.....	116 76
South 8th Street School Building.....	135 69	.....	217 80
Storm Sheds.....	.....	82 11	.....
North 7th Street School Building.....	45 48	.....	60 48
New Floors.....	.....	25 00	.....
South Market Street School Building.....	167 58	.....	1,155 58
Building Extension (Stairways).....	.....	963 00	.....
Water Service.....	.....	25 00	.....
Clover Street Industrial School Building.....	4 37	.....	4 37
Morton Street School Building.....	111 75	.....	329 75
Water Closets.....	.....	218 00	.....
Eighteenth Avenue School Building.....	134 85	.....	134 85
Elizabeth Avenue School Building.....	45 35	.....	119 71
New Fences.....	.....	73 36	.....
Central Avenue School Building.....	35 05	.....	91 15
Flagging.....	.....	56 10	.....
Lock Street School Building.....	72 48	.....	1,622 11
Refitting Building.....	.....	1,228 67	.....
Flagging.....	.....	320 96	.....

TABLE C.

FUEL CONSUMED IN THE RESPECTIVE SCHOOL HOUSES FOR  
THE WINTER OF 1877 AND 1878.

SCHOOLS.	TONS OF	COST OF	COST OF	TOTAL COST
	COAL.	COAL.	WOOD.	OF FUEL.
High School.....	50 5-20	\$190 52	\$10 00	\$200 52
Burnet Street School.....	50 13-30	198 49	12 50	210 99
State Street School.....	18 7-20	74 82	4 76	79 58
James Street School.....	7 1-20	30 13	4 74	34 87
Market Street School. ....	41 4-20	156 19	10 00	166 19
Washington Street School....	47 2-20	179 80	10 00	189 80
Lawrence Street School.....	50 18-20	192 91	5 00	197 91
Commerce Street School.....	8 11-20	32 32	9 52	41 84
Lafayette Street School.....	49 10-20	187 55	10 00	197 55
Newton Street School.....	58 7-20	231 70	5 00	236 70
South 10th Street School....	26 10-20	100 35	7 12	107 47
Wickliffe Street School.....	18 2-20	78 09	7 13	85 22
Webster Street School.....	45 1-20	183 20	15 00	198 20
Summer Avenue School.....	11 1-20	41 89	7 50	49 39
Elliott Street School.....	20 17-20	79 03	4 75	83 78
Chestnut Street School.....	50	189 50	5 00	194 50
Oliver Street School.....	52 9-20	208 86	15 00	223 86
Walnut Street School. ....	25 6-20	95 97	10 00	105 97
Thomas Street School. ....	5	22 31	4 75	27 06
South 8th Street School. ....	63 6-20	239 91	5 00	244 91
North 7th Street School.....	8 2-20	30 66	4 75	35 41
South Market Street Schools.	68 12-20	244 79	10 00	254 79
Clover Street School.....	10 2-20	42 40	7 12	49 52
Morton Street School.....	42 2-20	159 47	5 00	164 47
Eighteenth Avenue School ..	59 12-20	225 78	20 00	245 78
Elizabeth Avenue School....	8	30 32	4 75	35 07
Central Avenue School.....	65 3-20	246 92	7 50	254 42
Totals .....	961 3-20	\$3,693 88	\$221 89	\$3,915 77

TABLE D.

ESTIMATED VALUE OF SCHOOL HOUSES, SITES AND  
SCHOOL FURNITURE.

NAMES OF SCHOOL HOUSES.	Value of Sites.	Building and Furniture.	Total.
High School.....	\$25,000	\$30,000	\$55,000
Burnet Street.....	25,000	50,000	75,000
State Street.....	10,000	6,000	16,000
Market Street.....	15,000	15,000	30,000
Washington Street.....	20,000	40,000	60,000
Lawrence Street.....	25,000	40,000	65,000
Commerce Street.....	15,000	7,000	22,000
Lafayette Street.....	20,000	10,000	30,000
Newton Street.....	10,000	40,000	50,000
Wickliffe Street.....	6,000	6,000	12,000
Lock Street.....	4,000	6,000	10,000
Central Avenue.....	18,000	40,000	58,000
Webster Street.....	10,000	30,000	40,000
Woodside.....	4,000	2,000	6,000
Lincoln Avenue.....	8,000	—	8,000
Chestnut Street.....	15,000	40,000	55,000
Oliver Street.....	15,000	40,000	55,000
Walnut Street.....	12,000	6,000	18,000
South Eighth Street.....	8,000	40,000	48,000
North Seventh Street.....	4,000	3,000	7,000
South Market Street.....	10,000	32,000	42,000
Morton Street.....	10,000	35,000	45,000
Spruce Street.....	10,000	40,000	50,000
South Tenth Street.....	6,000	6,000	12,000
Miller Street.....	9,000	—	9,000
Elizabeth Avenue.....	4,000	2,000	6,000
Total.....	\$318,000	\$566,000	\$884,000

TABLE E.

## SALARIES OF TEACHERS WITH A RECORD OF ATTENDANCE.

The salaries in this table are for the fiscal year from January, 1878, to January, 1879. The statistics are for the school year from September, 1877, to September, 1878. The words "no report" in the statistical columns signify that the teacher has been appointed since the close of the school in June, 1878, or that no report has been filed at this office. A teacher's name sometimes occurs in several places, in cases where transfers have been made during the year.

NAMES OF TEACHERS.	Salaries of Teachers.	How many times late.	Time lost by tardiness.	Times absent from other causes than sickness.	Time lost by such absence.	Time lost by personal sickness.	Time lost by sickness in family.
			HR. M.		HR. M.	D. HR.	D. HR.
NORMAL SCHOOL.							
Edmund O. Hovey, A. M. ....	\$250 00	.....	.....	.....	.....	.....	.....
James M. Quinlan, A. M. 6 months	135 00	1	3	.....	.....	.....	.....
Augustus Scarlett. ....	203 50	1	2	.....	.....	.....	.....
Cornelius A. Marshall. ....	250 00	No re	port.	.....	.....	.....	.....
HIGH SCHOOL.							
Edmund O. Hovey, A. M. ....	2,150 00	.....	.....	2	10 30	.....	.....
James M. Quinlan, A. M. ....	1,350 00	.....	.....	4	16 10	.....	.....
A. Baxter Merwin, A. M. ....	1,345 80	.....	.....	.....	.....	.....	.....
John L. Heffron, A. B. 7¼ months.	791 00	.....	.....	.....	.....	.....	.....
J. Lawrence Johnson. ....	1,100 00	2	9	1	3	.....	.....
Arthur B. Griffin, A. B. ....	1,040 00	.....	.....	.....	.....	.....	.....
J. Watson Smith, 3 months. ....	263 60	No re	port.	.....	.....	.....	.....
Emma Parke Smith, 6 months. ....	777 00	2	13	.....	.....	6 2½	.....
Clara W. Green, 4 months. ....	431 00	No re	port.	.....	.....	.....	.....
Lydia F. Remick. ....	847 00	1	1	.....	.....	3 3½	.....
Lena A. Bosworth. ....	816 90	.....	.....	.....	1 4½	.....	.....
Laura P. Hill. ....	746 18	.....	.....	.....	2	.....	.....
Isadore M. Winans. ....	720 00	.....	.....	.....	.....	.....	.....
Millie A. Forster. ....	650 00	3	7	1	1 10	.....	.....
Ella G. Brown. ....	643 20	1	1	.....	.....	3	4
B. Flora Crane. ....	243 82	No re	port.	.....	.....	.....	.....
BURNET STREET SCHOOL.							
William A. Breckenridge. ....	1,800 00	.....	.....	.....	.....	.....	.....
Esther J. Crosby. ....	750 00	.....	.....	.....	.....	.....	.....
Mary O. Williams. ....	517 50	6	25	.....	.....	8 1	2½
Gertrude E. Ryer. ....	575 00	.....	.....	.....	.....	2½	.....
Julia Myer. ....	521 88	3	15	.....	.....	7	.....
Eliza Murphy. ....	575 00	.....	.....	1	3	2½	.....
Harriet M. Moores. ....	518 75	1	3	.....	.....	.....	6
Virginia R. Reeve. ....	571 87	1	4	.....	.....	.....	.....
Minnie D. Camden. ....	669 20	.....	.....	.....	.....	.....	.....
Sarah J. Reeve. ....	525 00	.....	.....	.....	.....	.....	.....
Fannie Taylor. ....	525 00	.....	.....	.....	.....	.....	2
M. Lizzie Kerns. ....	525 00	1	3	.....	.....	2½	.....
Katharine Cottrell. ....	524 50	4	20	.....	.....	2	.....
Sara E. Merry. ....	299 07	.....	.....	1	5	4 2½	.....
Fannie M. White. ....	485 00	1	5	.....	.....	.....	.....

TABLE E.—Continued.

NAMES OF TEACHERS.	Salaries of Teachers.	How many times late.	Time lost by tardiness.	Times absent from other causes than sickness.	Time lost by such absence.	Time lost by personal sickness.	Time lost by sickness in family.
			HR. M.		HR. M.	D. HR.	D. HR.
STATE STREET SCHOOL.							
Eliza A. Brookfield.....	\$750 00			2	5 10		
Ella A. Skinner, 7 months.....	327 89	4	11	5	13	1	
Eva Myer.....	450 70	4	20			86	3
Minerva C. Foster.....	444 50	1	2	1	10	2	3
Mary Stuart Miller.....	377 15	4	18	1	3	10	3 1/2
Harriet P. Axtell.....	379 70					41 1/2	
Harriet K. Jenkinson.....	315 85	1	3	2	6 35	3	21 1/2
Sarah A. B. Brookfield, 3 months.....	90 00	No re	port.				
JAMES STREET INDUSTRIAL SCHOOL.							
Mrs. Catharine B. Cory.....	575 00					2	
Elizabeth L. Thompson.....	493 72			3	15	7	
Alice H. Vosburgh, 4 months.....	120 00			1	2		
Mrs. Anna Augusta Barringer, 6 m.	180 00					7	
MARKET STREET SCHOOL.							
Benjamin C. Gregory.....	1,099 12			2	4		
Charlotte A. Genung.....	525 00			4	18	2	
M. Louise Vreeland.....	508 40	2	18	1	2	51	1/2
M. Amy Sharp.....	517 25	5	23	1	5	6	
Mary C. Rodgers.....	518 75	1	3	6	21	8	
M. Augusta Sweasy.....	485 00	1	2	6	26	1	
Margaret R. Riley.....	523 15	5	15	1	2		
Alice A. Moody.....	443 18	2	2	4	12		
Almeda M. Olds.....	320 00	1	1				
WASHINGTON STREET SCHOOL.							
Samuel W. Clark.....	1,794 00			1	12 30		
Juliette P. Bradshaw.....	747 92	2	7			1 1/2	
Jane E. Allen.....	574 79	2	2	1	10		
Martha L. Winans.....	427 74	2	5			21 1/2	
Mary F. Bruen.....	525 00					2	3
Minnie J. Lawrence.....	495 00	2	8			2	3
Mrs. H. M. Willis.....	574 38	1	5	1	5	11	3
Mary L. Moran.....	573 01	1	3	1	2 30	3	
Emma L. Taylor.....	700 00	2	8				
Jane E. Riker, 6 months.....	254 49	1	15	1	2	1	1
Mary A. Baldwin, 3 months.....	127 10	No re	port.				
Annie M. Force.....	525 00	4	9	1	45		
Mary A. McNeill.....	335 00	3	17	2	7 30		
Nellie B. Thompson.....	300 00	3	18				
Henrietta Childs, 6 months.....	179 78			1	2 30		
Margaret A. McNabb, 7 months.....	210 00						
Annie C. Day, 4 months.....	120 00	No re	port.				
Harriet M. Bailey, 4 months.....	120 00	No re	port.				
LAWRENCE STREET SCHOOL.							
Charles H. Gleason.....	1,797 00			2	5 30		
Phebe Hancock.....	750 00						
Clara S. Thompson.....	544 76	4	17				1 3
Emma A. Campfield.....	524 50			1	2 30	4	
Elizabeth J. Walker.....	523 69	2	8	1	2	3	3
Alice H. Durand, 9 months.....	473 75	6	41			10	1
Phebe D. Brown, 6 months.....	306 25	1	2			7	
Eliza H. Pierson, 4 months.....	229 38	No re	port.				
M. Elizabeth Hall, 1 month.....	30 00	No re	port.				



TABLE E.—Continued.

NAMES OF TEACHERS.	Salaries of Teachers.	How many times late.	Time lost by tardiness.	Times absent from other causes than sickness.	Time lost by such absence.	Time lost by personal sickness.	Time lost by sickness in family.
Florence E. Kinney.....	\$584 16		HR. M.	1	2	1	
Emily Cameron.....	445 00			1	40		
Margaret D. Conover.....	441 66						
Hettie J. Rice, 6 months.....	178 75	5	15	1	3	19	
Cornelia D. Alyea.....	525 00			1	2		
Sarah E. Quemam.....	525 00	1	5	1	2		
Isabel M. Gore, 4 months.....	119 50	No re	port.				
COMMERCE ST. COLORED SCHOOL.							
James M. Baxter.....	1,200 00	2	15				
Marcia L. King.....	423 00	14	1 30				
Harriet A. King.....	420 99	13	1 22				
LAFAYETTE STREET SCHOOL.							
Joseph Clark.....	1,800 00						
Emma J. Smith, 6 months.....	390 00			1	2 30		
Elizabeth H. Burr, 4 months.....	300 00	No re	port.				
Mary J. Moorhouse.....	672 48					2	23/4
Lizzie S. Thomson.....	561 00	1	5				
Lydia A. Mills.....	538 75			1	7 30		
Lizzie Ellyn.....	538 75	1	5			10	21/2
Mary E. Bonsall.....	552 53	2	5			11	21/2
Dora A. Stites.....	700 00						
Belle S. Stites.....	525 00						
Sarah J. Ward.....	525 00						
Adelaide Clarkson.....	484 60					10	
Ida A. Vinson.....	525 00	1	5			1	
Georgiana H. Egbert.....	348 67			1	2 30	7	
Irene M. Buttle.....	350 00					4	
NEWTON STREET SCHOOL.							
Edwin Shepard.....	1,238 50			1	3	2	
Mrs. Fannie W. Smith.....	619 38					2	3
Ann E. Sayre.....	525 00						
Anna A. Baldwin.....	525 00	4	12	1	3	3	4
Elizabeth W. Dougall.....	524 50						2
Emma L. Hutchings.....	544 58						
Ella H. Riker.....	522 50					12	
Julia N. Layton.....	523 50					3	
Laura B. Sayre.....	522 12					16	1
Rebecca McClure.....	492 50					2	
M. Alice Riker.....	521 90	4	13	1	5	9	2
Georgie Beers Crater.....	436 85	2	8	1	2	1	3
Lucetta H. Harlow.....	491 76					2	3
Laura A. DeCamp.....	482 15	4	7	2	4	2	3
Lucy G. Duncan.....	485 00						3
Annie M. Howard.....	445 00					3	
Martha J. Sayre.....	379 50					5	
Annie M. Cramer.....	318 64	2	4	3	13	6	
SOUTH TENTH STREET SCHOOL.							
William M. Giffin.....	1,091 00	1	10			3	
Elizabeth H. Belcher.....	525 00						
Antonia V. Roeser.....	439 06	1	15	1	3	2	11/2
Juliette E. Tichenor.....	498 81						
Maria E. Gardner.....	298 13					22	21/2
M. Anna Lutz.....	459 50	2	4			2	8
Cara Belle Osborne.....	475 67	9	50	1	1	1	21/2



TABLE E—Continued.

NAMES OF TEACHERS.	Salaries of teachers.	How many times late.	Time lost by tardiness.	Times absent from other causes than sickness.	Time lost by such absence.	Time lost by personal sickness.	Time lost by sickness in family.
			HR. M.		HR. M.	D. HR.	D. HR.
WICKLIFFE STREET SCHOOL.							
Mary A. Mershon	748 10						
Sarah M. Baker	521 21	1	1	3	9	5 3	
Mary S. Pond	525 00			1	3		
Margaret C. Kelly	365 35					15	
Flora E. Smalley	320 00					2	
Laura V. Reeve	275 72						
Elizabeth Anthony	292 69						
WEBSTER STREET SCHOOL.							
Joseph A. Hallock	1,800 00						
Sarah A. Fawcett	695 03			1	10		
Mary E. Parsons	585 00			1	3		
Sarah M. Gould	524 00			2	3	3	
Sarah E. Beach, 6 months	314 38					1 3	
Anna L. Garrabrant	524 50	4	27	3	4 45	2 2	
Mrs. Martha S. Willis, 5 months	238 25	No re	port.				
Carrie E. Young	368 82	1	2	1	2		
Annie E. Curtis	700 00					3 3½	
M. Fannie Bracken	525 00	2	7			4	3
Grace L. Baker	185 43	3	9	3	12 10	1	
Mary Strieby	444 60			1	2		
Sarah J. Sloan	320 00						3
Emilie M. Kempf	314 53			1	1 40		
Emily F. Betts, 2 months	42 78	No re	port.				
Myra W. Adams, 2 1-2 months	79 88	No re	port.				
Mary E. Taylor, 1 month	32 85						
SUMMER AVENUE SCHOOL.							
Mary A. Baldwin 7 months	330 99	1	11	1	2	7	
Ida Van Duyne, 3 months	74 20	1	10			4	
Juliet Dettmer	290 00					3	
ELLIOTT STREET SCHOOL.							
Caroline A. Hallock	726 37						13 2½
Jess.e B. Mikels	320 00						
Annie W. Hunter, 6 months	315 00	2	3	3	12	2	
Lucy M. Freer, 4 months	117 69	No re	port.				
CHESTNUT STREET SCHOOL.							
F. N. Torrey	1,797 00			2	5 40		
Louisa M. Mundv	749 62	1	2			1	
Anna E. Harrison	571 27			1	2	32	
Jennie D. Miller	571 26					5	
Anna M. Sanford	575 00						
Mary A. Hennion	674 38					1 2	
Emma F. Sipp	523 76	1	5	1	3	3	
M. Ida Johnson	524 16	1	2			2	6
M. Caroline Keene	524 38					5 3	
Annie M. Miller, 5 months	342 51					30 3	
Cornelia A. Van Nortwick	525 00	3	15			4 3	
Mary J. Kilburn	485 00			1	2	8 1½	
Alma Dell Martin	448 39					2	
Marion Richardson	478 66	2	6				
Anna S. Larew	320 00	1	5			2	
Laura O. Van Court	443 87	4	27			1 2	
Jennie F. Delano	300 00	1	10			3 2	
Agnes A. Wood, 5 months	149 50	No re	port.				

TABLE E—Continued.

NAMES OF TEACHERS.	Salaries of teachers.	How many times late.	Time lost by tardiness.	Times absent from other causes than sickness.	Time lost by such absence.	Time lost by personal sickness.	Time lost by sickness in family.
			H.R.M.		H.R.M.	D. HR.	D. HR.
OLIVER STREET SCHOOL.							
Wm. Henry Elston.....	\$1,635 00						
Elizabeth H. Burr, 6 months.....	448 26	2	3	1	5	2 4	
Susie Steele.....	575 00						
Sarah E. Beam.....	561 90	1	2			17 3	
Kate H. Belcher.....	572 04					1	
Carrie C. Hutchings.....	522 50			2	7	1	
Emma Finter.....	525 00			2	7		
Electa M. Butler, 4 months.....	230 00	No re	port.				
Mary S. Benjamin.....	522 50					7 2	
Laura C. Delano.....	700 00	2	5				
Emma L. Lewis.....	556 28					3	
M. Henrietta Price.....	524 50					4 2	
Kate Roche.....	523 30					2	1
Mary D. Kirkpatrick.....	498 56					14 3	7
Hannah Moore.....	378 50	2	7			4	
Fannie Steele.....	518 70					3	
Emma Hobbs, 4 months.....	120 00	No re	port.				
WALNUT STREET SCHOOL.							
Wm. P. B. Urlick.....	1,100 00	1	3				
Alice E. Johnson.....	523 57	1	3			3 2½	
Eliza J. Ross.....	440 31	1	2			7	
Ida L. Williams.....	320 00						
Emma F. Baldwin.....	344 60					2 1¾	
Charlotte M. Holbrook.....	318 67	5	19	1	2		
M. Eliza Whitfield.....	319 60	2	10				
Mary E. Young.....	315 00			1	1 15	1½	
Louise H. Glorieux, six months.....	182 12						
G. Estelle Ross 3-4 months.....	15 00	No re	port.				
THOMAS STREET SCHOOL.							
Eunice A. McLeod.....	750 00						
Lydia A. Denton.....	424 10	3	4			4 1½	2
SOUTH EIGHTH STREET SCHOOL.							
Augustus Scarlett.....	1,783 20			1	1 40		2
Mary A. Dougall.....	750 00	4	21				
Marcella V. Gillin, 1-3 months.....	70 72			1	5	5	
Hester M. Baldwin.....	542 41	14	1 21	3	7 30	13	
Elizabeth C. More.....	448 30					1 4½	
Alvia C. Adams.....	549 35	1	3	2	6 15		
Sarah B. Scarlett.....	450 00					29 2	
Anna C. Dunnell.....	670 00	3	3				
Alma H. Thomas.....	523 90			1	2	2 2	
Lucasta C. Baldwin.....	525 00	5	15			1 4	
Frances V. Gould.....	525 00	1	2	1	5		
Ida L. Redman.....	330 00	4	12	1	5	8	
Agnes Young.....	322 15						
Ida M. Pfeifer, 4 months.....	120 00	No re	port.				
Augusta Gsantner, 1-2 month.....	9 00	No re	port.				
NORTH SEVENTH STREET SCHOOL.							
Mary World.....	748 50	2	11	1	2	2	
Anna M. Crawford, 7 months.....	367 50					3 35	
Eveleen A. Drake.....	444 25			1	1		
Laura F. Ryerson, 3 months.....	90 00	No re	port.				

TABLE E.—Continued.

NAMES OF TEACHERS.	Salaries of Teachers.	How many times late.	Time lost by tardiness.	Times absent from other causes than sickness.	Time lost by such absence.	Time lost by personal sickness.	Time lost by sickness in family.
			HR. M.		HR. M.	D. HR.	D. HR.
SOUTH MARKET STREET SCHOOL.							
J. Newton Smith.....	\$1800 00						
Mary Lawrence.....	746 54			1	1 40	2 ½	
Electa M. Butler, 6 months.....	330 00					1 ¼	
Marietta Righter.....	541 85	2	15	3	3	3 3	
Emily Boughner.....	520 00			1	1	4	
Ella K. Jacobus.....	535 00						
Martha J. Coursen.....	697 70			1	45	3 3 ½	
Caroline J. Kent.....	524 50	1	5	1	2 30	6 2 ½	
Clarasenath Lutz.....	319 50			1	1	4	
A. Ella Van Brunt.....	403 46					10 1 ½	
Elizabeth Leffingwell.....	463 46	1	5	2	1 45	4 3 ¾	
Emma C. Gemar.....	455 00	2	8			1	
Euphemia F. Sipp.....	404 50	1	5	1	2 30	6	
Mary E. Johnson, 1 months.....	32 85	2	10				
Elizabeth F. Tuite, 4 months.....	119 50	No re	port.				
CLOVER STREET SCHOOL.							
Emma Louisa DeCamp.....	574 24	5	9	3	6 15		
Harriet W. Mullison.....	513 25	3	23				11
MORTON STREET SCHOOL.							
Joseph E. Haynes.....	1,800 00	1	3	1	2		
M. Eliza Sears.....	750 00						
Maria L. Spinning.....	550 00	1	1			2	
Mary F. Miller.....	608 48	1	2			4 3	7 ¾
Gertrude A. Mershon, 9 months.....	459 43					21	
Lydia W. Hand.....	550 00	4	9			2	1
Fannie D. Aschenbach.....	548 63	2	5			6	
Louise Chedister.....	550 00	2	4				
Mrs. Martha S. Willis, 1 month.....	51 20	No re	port.				
Delia M. Spinning.....	700 00	3	7				
Mary A. Hinman.....	523 25	1	10			5 2	
Elizabeth V. Brant.....	525 00	5	4	1	30	2	
Sarah L. Todd.....	525 00						
Linda M. Geraghty.....	525 00					17 1 ½	
Josephine Beach.....	485 00			1	2	8	
Harriet H. Stillman.....	444 60	1	2			4	
Harriet E. Hedden.....	433 87					3 3	
Isabella G. Grover.....	444 50					10 2	
EIGHTEENTH AVENUE SCHOOL.							
J. Ward Smith.....	1,338 15			1	1 30	28	
Mrs. C. L. D. Smith.....	750 00						
Margaret Baird.....	525 00						
Sara J. Hall.....	481 01			1	2 45	2	
S. Evaline Durand.....	445 00					1	
Emma F. Woodward.....	372 56	5	23	6	5	1	1
Margaret A. Day.....	402 50					2	
Elizabeth Moore.....	364 20	1	3				
M. Jennie Morris.....	458 98			2	7	2	
Irene S. Kelly.....	525 00						
Margaret A. Rasch.....	483 62						
Laura A. Hedden.....	427 00					1	
Jennie Marsh, 6 months.....	178 20	1	15			9	
Harriet E. Ball.....	319 07					2 2 ½	
Virginia Smith, 4 months.....	120 00	No re	port.				
Mary E. Johnson, 1 month.....	30 00	No re	port.				

TABLE E.—Continued.

NAMES OF TEACHERS.	Salaries of teachers.	How many times late.	Time lost by tardiness.	Times absent from other causes than sickness.	Time lost by such absence.	Time lost by personal sickness.	Time lost by sickness in family.
			HR. M.		HR. M.	D. HR.	D. HR.
ELIZABETH AVENUE SCHOOL.							
S. Fannie Carter.....	750 00			1	5		
Mary E. Romaine.....	439 16					4	
CENTRAL AVENUE SCHOOL.							
George O. F. Taylor.....	1,800 00						
Maria E. Morgan.....	749 25			1	2		
Belle Lambson.....	549 38						
Laura V. Garabrant.....	550 00						
Lillian E. Lyon, 3 months.....	145 00			2	35		
Agnes C. Weed.....	548 14	1	1	2	4	1	
M. Ida Dean.....	541 96			1	2	1	
Agnes K. Lambson.....	700 00			1	15		
Margaret Hollum.....	445 00					1	
Esther F. Hedden.....	445 00	3	10	1	2	2	
Jennie B. Canfield.....	525 00	1	10			1	
Sarah A. Avery.....	525 00	1	1			2 1/4	
Laura G. Collings.....	402 50	2	6			2 1	
Mrs. M. Augusta Gillott, 6 months.....	210 00					1	
Isabel M. Gore, 6 months.....	162 87						1
Ida Van Dyne, 7 months.....	210 00						
Henrietta Childs, 4 months.....	137 00						
Adelaide D. Miller, 4 months.....	120 00	No re	port.				
LOCK STREET SCHOOL.							
Emma J. Smith, 4 months.....	260 00	No re	port.				
Mrs. M. Augusta Gillott, 4 months.....	170 00	No re	port.				
LAFAYETTE ST. EVENING SCHOOL.							
Samuel W. Clark.....	134 00	1	5	4	8	6	
Joseph Clark.....	105 00						
Wm. P. B. Urick.....	90 00						
Mary J. Moorhouse.....	75 00						
Emma F. Baldwin.....	48 00	1	3			6 1/2	
John C. P. Knab.....	88 50					2	
Samuel W. Clark, Jr.....	90 00	2	5				
Charles A. Feick.....	90 00						
MORTON STREET EVENING SCHOOL.							
Joseph E. Haynes.....	140 00	1	1				
Herman von der Heide.....	104 00			3	3 50	4	
Eliza Murphy.....	75 00	3	18			4	2
Edwin Shepard.....	90 00					6	
Georgie Beers Crater.....	75 00	3	13				
Arthur R. Denman.....	90 00						
Louis Hood.....	90 00						
Julius C. Haynes.....	89 50	1	1	1	2		
George D. Haynes.....	90 00	1	1	1	2		
Mrs. Anna H. Ledingham.....	74 05	3	30	1	2	14	
James W. Keogh.....	89 60	5	1 11	1	2		
CENTRAL AVENUE EVENING SCHOOL.							
George O. F. Taylor.....	140 00						
Wm. Henry Elston.....	102 99	1	5	2	1 35	4 1/2	
Emma L. Hutchings.....	74 75			1	2 15	6 3/4	
Sarah M. Baker.....	74 75			1	2 15	2 1/4	
M. Ida Dean.....	75 00						
George B. D. Reeve.....	90 00	2	7				
George W. Cole.....	60 00	3	15				
Carrie E. Taylor.....	74 00	1	5			2 1/4	

TABLE F.

Showing the average enrollment, average daily attendance, salaries of teachers, cost of school books, incidental expenses, repairs, fuel, janitor, rents, etc., total of current expenses, cost of books per pupil, annual cost per pupil.

NAME OF SCHOOL.	Average Enrollment.		Average Daily Attendance		Salaries of Teachers.		Cost of School Books.		Incidental Expenses, Repairs, Fuel, Janitor, Rents, Etc.		Total of Current Expenses.		Cost of Books per Pupil.		Annual Cost per Pupil.	
Normal School.....	81	73			\$888	50	\$83	01	\$60	00	\$981	51	\$1	02	\$12	12
High School.....	409	390			13,925	50	507	47	1,081	56	15,514	53	1	24	37	93
Burnet St. Grammar School....	360	332			4,930	00	238	02	757	81	5,925	83		66	16	46
Burnet St. Primary School.....	446	405			4,452	77	74	96	757	83	5,285	56		17	11	85
State St. Primary School.....	347	307			3,135	79	75	77	664	80	3,876	36		22	11	17
James St. Industrial School....	160	129			1,368	72	56	23	271	60	1,696	55		35	10	60
Market St. Primary School....	470	406			4,939	85	92	24	920	67	5,952	76		20	12	67
Washington St. Grammar School	328	300			4,814	84	182	61	544	51	5,541	96		56	16	90
Washington St. Primary School	443	359			3,768	37	90	65	539	05	4,398	07		20	9	93
Lawrence St. Grammar School..	255	233			4,280	83	239	29	563	18	5,083	30		94	19	93
Lawrence St. Primary School..	374	327			3,717	67	140	07	563	18	4,420	92		37	11	82
Commerce St. Colored School..	150	117			2,043	99	166	03	328	88	2,538	90	1	11	16	93
Lafayette St. Grammar School..	233	208			4,453	46	230	21	532	70	5,216	37		99	22	39
Lafayette St. Primary School..	451	396			4,358	27	110	81	532	73	5,001	51		25	11	09
Newton St. Intermediate School	217	177			2,503	51	217	11	295	36	3,015	98	1	00	13	90
Newton St. Primary School....	859	765			7,095	87	113	62	869	51	8,079	00		13	9	41
South Tenth St. Primary School	356	312			3,787	17	115	61	963	81	4,866	59		32	13	67
Wickliffe St. Primary School..	310	264			3,048	07	112	68	943	23	4,103	98		36	13	24
Webster St. Grammar School....	312	288			3,919	98	300	98	730	94	4,951	90		96	15	87
Webster St. Primary School....	393	348			3,775	12	106	74	731	00	4,612	86		27	11	74
Summer Ave. Primary School..	85	73			695	19	13	17	655	97	1,364	33		15	16	05
Elliot St. School.....	127	110			1,479	06	69	85	354	59	1,903	50		55	14	99
Chestnut St. Grammar School..	487	438			5,612	38	216	52	522	35	6,351	20		44	13	04
Chestnut St. Primary School....	421	390			4,391	43	140	67	522	38	5,054	48		33	12	01
Oliver St. Grammar School.....	344	307			4,809	08	279	29	667	55	5,755	92		81	16	73
Oliver St. Primary School.....	448	389			4,602	96	190	45	667	56	5,460	97		43	12	19
Walnut St. Primary School....	358	308			3,878	87	106	30	709	59	4,694	76		30	13	11
Thomas St. Primary School....	123	103			1,174	10	8	69	711	15	1,893	94		07	15	40
South 8th St. Grammar School..	213	195			3,702	38	343	64	872	73	4,913	75	1	61	23	09
South 8th St. Primary School..	365	315			3,916	65	65	92	871	40	4,553	97		18	13	30
North 7th St. Primary School..	123	108			1,650	25	49	88	476	89	2,177	02		41	17	70
S. Market St. Grammar School..	190	169			2,958	39	190	18	385	34	3,533	91	1	00	18	70
S. Market St. Primary School..	453	393			4,935	47	182	20	770	06	5,887	73		40	12	94
Clover St. Industrial School....	98	85			1,087	49	8	74	259	08	1,355	31		90	13	83
Morton St. Grammar School....	351	323			4,997	74	258	53	570	41	5,826	68		74	16	60
Morton St. Primary School....	617	549			5,506	22	102	81	581	93	6,190	96		17	10	03
18th Ave. Intermediate School..	117	104			1,448	01	128	80	233	17	1,809	98	1	10	15	47
18th Ave. Primary School.....	590	525			5,722	36	80	63	1,161	52	6,964	51		14	11	80
Elizabeth Ave. Primary School..	95	80			1,185	16	31	55	914	21	1,534	92		33	16	16
Central Ave. Grammar School..	229	206			3,526	23	222	92	322	10	4,071	25		97	17	78
Central Ave. Primary School..	563	492			5,239	87	117	89	654	49	5,992	25		21	10	64
Evening School, Lafayette St..	181	139			723	50	42	11	105	75	871	36		23	4	82
Evening School, Morton St....	390	286			1,007	15	67	05	137	13	1,211	33		17	3	11
Evening School, Central Ave....	189	152			691	49	27	92	57	50	776	91		15	4	11

Annual cost per pupil in Normal School, \$12.12; in High School, \$37.93; in Grammar Schools, \$17.31; in Intermediate Schools, \$14.45; in Primary Schools, \$11.86; in Industrial Schools, \$11.83; in Colored Schools, \$16.93; in the Day Schools, \$14.18; in the Evening Schools, \$3.76; in Day and Evening Schools, \$13.57.



TABLE G.

Showing the number of teachers employed in the Public Schools; the number of pupils, male and female, registered in each school; the number of registered pupils attending the school during certain periods of time, etc., etc., for the school year from September, 1, 1877, to September 1, 1878.

NAME AND GRADE OF SCHOOL.		Number of male teachers.		Number of female teachers.		Number of male pupils.		Number of female pupils.		Whole number of pupils.		Average number of regis-tered pupils.		Average daily attendance for the year.		Number of months the school has been kept open during the year.		No. of children bet. 5 & 18 years of age, enrolled in the school register during year.		No. who have attended 10 months, or more, during the year.		No. who have attended 8 months, but less than 10.		No. who have attended 6 months, but less than 8.		No. who have attended 4 months, but less than 6.		No. who have attended less than 4 months.		No. who have been pres-ent every school day during the year.		No. who have not been absent or tardy during the year.		No. of cases of tardiness during the year.		No. of different classes in school.		No. suspended or expelled during the year.		No. of visits by City Su-perintendent.		No. of visits by Commis-sioners.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
3	.....	4	.....	5	.....	6	.....	7	.....	8	.....	9	.....	10	.....	11	.....	12	.....	13	.....	14	.....	15	.....	16	.....	17	.....	18	.....	19	.....	20	.....	21	.....	22	.....	23	.....	24	.....	25	.....	26	.....	27	.....	28	.....	29	.....	30	.....	31	.....	32	.....	33	.....	34	.....	35	.....	36	.....	37	.....	38	.....	39	.....	40	.....	41	.....	42	.....	43	.....	44	.....	45	.....	46	.....	47	.....	48	.....	49	.....	50	.....	51	.....	52	.....	53	.....	54	.....	55	.....	56	.....	57	.....	58	.....	59	.....	60	.....	61	.....	62	.....	63	.....	64	.....	65	.....	66	.....	67	.....	68	.....	69	.....	70	.....	71	.....	72	.....	73	.....	74	.....	75	.....	76	.....	77	.....	78	.....	79	.....	80	.....	81	.....	82	.....	83	.....	84	.....	85	.....	86	.....	87	.....	88	.....	89	.....	90	.....	91	.....	92	.....	93	.....	94	.....	95	.....	96	.....	97	.....	98	.....	99	.....	100	.....	101	.....	102	.....	103	.....	104	.....	105	.....	106	.....	107	.....	108	.....	109	.....	110	.....	111	.....	112	.....	113	.....	114	.....	115	.....	116	.....	117	.....	118	.....	119	.....	120	.....	121	.....	122	.....	123	.....	124	.....	125	.....	126	.....	127	.....	128	.....	129	.....	130	.....	131	.....	132	.....	133	.....	134	.....	135	.....	136	.....	137	.....	138	.....	139	.....	140	.....	141	.....	142	.....	143	.....	144	.....	145	.....	146	.....	147	.....	148	.....	149	.....	150	.....	151	.....	152	.....	153	.....	154	.....	155	.....	156	.....	157	.....	158	.....	159	.....	160	.....	161	.....	162	.....	163	.....	164	.....	165	.....	166	.....	167	.....	168	.....	169	.....	170	.....	171	.....	172	.....	173	.....	174	.....	175	.....	176	.....	177	.....	178	.....	179	.....	180	.....	181	.....	182	.....	183	.....	184	.....	185	.....	186	.....	187	.....	188	.....	189	.....	190	.....	191	.....	192	.....	193	.....	194	.....	195	.....	196	.....	197	.....	198	.....	199	.....	200	.....	201	.....	202	.....	203	.....	204	.....	205	.....	206	.....	207	.....	208	.....	209	.....	210	.....	211	.....	212	.....	213	.....	214	.....	215	.....	216	.....	217	.....	218	.....	219	.....	220	.....	221	.....	222	.....	223	.....	224	.....	225	.....	226	.....	227	.....	228	.....	229	.....	230	.....	231	.....	232	.....	233	.....	234	.....	235	.....	236	.....	237	.....	238	.....	239	.....	240	.....	241	.....	242	.....	243	.....	244	.....	245	.....	246	.....	247	.....	248	.....	249	.....	250	.....	251	.....	252	.....	253	.....	254	.....	255	.....	256	.....	257	.....	258	.....	259	.....	260	.....	261	.....	262	.....	263	.....	264	.....	265	.....	266	.....	267	.....	268	.....	269	.....	270	.....	271	.....	272	.....	273	.....	274	.....	275	.....	276	.....	277	.....	278	.....	279	.....	280	.....	281	.....	282	.....	283	.....	284	.....	285	.....	286	.....	287	.....	288	.....	289	.....	290	.....	291	.....	292	.....	293	.....	294	.....	295	.....	296	.....	297	.....	298	.....	299	.....	300	.....	301	.....	302	.....	303	.....	304	.....	305	.....	306	.....	307	.....	308	.....	309	.....	310	.....	311	.....	312	.....	313	.....	314	.....	315	.....	316	.....	317	.....	318	.....	319	.....	320	.....	321	.....	322	.....	323	.....	324	.....	325	.....	326	.....	327	.....	328	.....	329	.....	330	.....	331	.....	332	.....	333	.....	334	.....	335	.....	336	.....	337	.....	338	.....	339	.....	340	.....	341	.....	342	.....	343	.....	344	.....	345	.....	346	.....	347	.....	348	.....	349	.....	350	.....	351	.....	352	.....	353	.....	354	.....	355	.....	356	.....	357	.....	358	.....	359	.....	360	.....	361	.....	362	.....	363	.....	364	.....	365	.....	366	.....	367	.....	368	.....	369	.....	370	.....	371	.....	372	.....	373	.....	374	.....	375	.....	376	.....	377	.....	378	.....	379	.....	380	.....	381	.....	382	.....	383	.....	384	.....	385	.....	386	.....	387	.....	388	.....	389	.....	390	.....	391	.....	392	.....	393	.....	394	.....	395	.....	396	.....	397	.....	398	.....	399	.....	400	.....	401	.....	402	.....	403	.....	404	.....	405	.....	406	.....	407	.....	408	.....	409	.....	410	.....	411	.....	412	.....	413	.....	414	.....	415	.....	416	.....	417	.....	418	.....	419	.....	420	.....	421	.....	422	.....	423	.....	424	.....	425	.....	426	.....	427	.....	428	.....	429	.....	430	.....	431	.....	432	.....	433	.....	434	.....	435	.....	436	.....	437	.....	438	.....	439	.....	440	.....	441	.....	442	.....	443	.....	444	.....	445	.....	446	.....	447	.....	448	.....	449	.....	450	.....	451	.....	452	.....	453	.....	454	.....	455	.....	456	.....	457	.....	458	.....	459	.....	460	.....	461	.....	462	.....	463	.....	464	.....	465	.....	466	.....	467	.....	468	.....	469	.....	470	.....	471	.....	472	.....	473	.....	474	.....	475	.....	476	.....	477	.....	478	.....	479	.....	480	.....	481	.....	482	.....	483	.....	484	.....	485	.....	486	.....	487	.....	488	.....	489	.....	490	.....	491	.....	492	.....	493	.....	494	.....	495	.....	496	.....	497	.....	498	.....	499	.....	500	.....	501	.....	502	.....	503	.....	504	.....	505	.....	506	.....	507	.....	508	.....	509	.....	510	.....	511	.....	512	.....	513	.....	514	.....	515	.....	516	.....	517	.....	518	.....	519	.....	520	.....	521	.....	522	.....	523	.....	524	.....	525	.....	526	.....	527	.....	528	.....	529	.....	530	.....	531	.....	532	.....	533	.....	534	.....	535	.....	536	.....	537	.....	538	.....	539	.....	540	.....	541	.....	542	.....	543	.....	544	.....	545	.....	546	.....	547	.....	548	.....	549	.....	550	.....	551	.....	552	.....	553	.....	554	.....	555	.....	556	.....	557	.....	558	.....	559	.....	560	.....	561	.....	562	.....	563	.....	564	.....	565	.....	566	.....	567	.....	568	.....	569	.....	570	.....	571	.....	572	.....	573	.....	574	.....	575	.....	576	.....	577	.....	578	.....	579	.....	580	.....	581	.....	582	.....	583	.....	584	.....	585	.....	586	.....	587	.....	588	.....	589	.....	590	.....	591	.....	592	.....	593	.....	594	.....	595	.....	596	.....	597	.....	598	.....	599	.....	600	.....	601	.....	602	.....	603	.....	604	.....	605	.....	606	.....	607	.....	608	.....	609	.....	610	.....	611	.....	612	.....	613	.....	614	.....	615	.....	616	.....	617	.....	618	.....	619	.....	620	.....	621	.....	622	.....	623	.....	624	.....	625	.....	626	.....	627	.....	628	.....	629	.....	630	.....	631	.....	632	.....	633	.....	634	.....	635	.....	636	.....	637	.....	638	.....	639	.....	640	.....	641	.....	642	.....	643	.....	644	.....	645	.....	646	.....	647	.....	648	.....	649	.....	650	.....	651	.....	652	.....	653	.....	654	.....	655	.....	656	.....	657	.....	658	.....	659	.....	660	.....	661	.....	662	.....	663	.....	664	.....	665	.....	666	.....	667	.....	668	.....	669	.....	670	.....	671	.....	672	.....	673	.....	674	.....	675	.....	676	.....	677	.....	678	.....	679	.....	680	.....	681	.....	682	.....	683	.....	684	.....	685	.....	686	.....	687	.....	688	.....	689	.....	690	.....	691	.....	692	.....	693	.....	694	.....	695	.....	696	.....	697	.....	698	.....	699	.....	700	.....	701	.....	702	.....	703	.....	704	.....	705	.....	706	.....	707	.....	708	.....	709	.....	710	.....	711	.....	712	.....	713	.....	714	.....	715	.....	716	.....	717	.....	718	.....	719	.....	720	.....	721	.....	722	.....	723	.....	724	.....	725	.....	726	.....	727	.....	728	.....	729	.....	730	.....	731	.....	732	.....	733	.....	734	.....	735	.....	736	.....	737	.....	738	.....	739	.....	740	.....	741	.....	742	.....	743	.....	744	.....	745	.....	746	.....	747	.....	748	.....	749	.....	750	.....	751	.....	752	.....	753	.....	754	.....	755	.....	756	.....	757	.....	758	.....	759	.....	760	.....	761	.....	762	.....	763	.....	764	.....	765	.....	766	.....	767	.....	768	.....	769	.....	770	.....	771	.....	772	.....	773	.....	774	.....	775	.....	776	.....	777	.....	778	.....	779	.....	780	.....	781	.....	782	.....	783	.....	784	.....	785	.....	786	.....	787	.....	788	.....	789	.....	790	.....	791	.....	792	.....	793	.....	794	.....	795	.....	796	.....	797	.....	798	.....	799	.....	800	.....	801	.....	802	.....	803	.....	804	.....	805	.....	806	.....	807	.....	808	.....	809	.....	810	.....	811	.....	812	.....	813	.....



TABLE G.—Continued.

NAME AND GRADE OF SCHOOLS.	PRIMARY SCHOOLS.																				
	No. of male teachers.	No. of female teachers.	No. of male pupils.	No. of female pupils.	Whole number of pupils.	Average number of regis- tered pupils.	Average daily attendance for the year.	Number of months the school has been kept open during the year.	No. of children bet. 5 & 15 years of age, enrolled in the school register during year.	No. who have attended 10 months, or more, during the year.	No. who have attended 8 months, but less than 10.	No. who have attended 6 months, but less than 8.	No. who have attended 4 months, but less than 6.	No. who have attended less than 4 months.	No. who have been pres- ent every school day during the year.	No. who have not been absent or tardy during the year.	No. of cases of tardiness during the year.	No. of different classes in school.	No. suspended or expelled during the year.	No. of visits by City Su- perintendent.	No. of visits by Commis- sioners.
Burnet Street School.....	7	294	325	619	446	405	10	619	56	247	85	54	177	177	7	6	320	7	8	9	18
State Street School.....	1	7	257	521	347	307	10	521	88	127	84	64	158	158	9	7	427	7	9	9	14
Market Street School.....	8	373	397	670	470	406	10	670	73	205	105	67	220	220	11	11	557	11	2	2	38
Washington Street School.....	6	302	364	606	439	389	10	606	48	216	110	52	196	196	16	16	389	16	2	2	18
Lawrence Street School.....	7	287	270	557	374	327	10	557	34	192	84	51	196	196	11	11	228	11	2	2	20
Lafayette Street School.....	6	331	338	659	451	396	10	659	141	150	94	190	190	11	11	328	11	6	6	4	
Newton Street School.....	13	601	1,167	859	765	765	10	1,167	222	255	175	135	335	335	40	40	500	13	13	13	56
South Tenth Street School.....	1	6	247	511	312	312	10	511	84	136	65	55	221	221	8	8	191	6	3	3	12
Wickliffe Street School.....	7	273	248	521	310	264	10	521	49	101	82	69	170	170	5	5	646	6	2	2	19
Webster Street School.....	6	291	278	569	393	348	10	569	38	181	91	75	184	184	7	7	433	6	1	1	7
Summer Avenue School.....	2	74	109	183	85	73	7	183	61	61	39	42	102	102	3	3	83	2	8	8	4
Elliot Street School.....	8	88	81	169	127	110	10	169	17	220	132	64	183	183	3	3	16	3	8	8	16
Chestnut Street School.....	8	301	356	637	421	390	10	637	58	220	132	64	183	183	3	3	125	7	2	2	31
Olive Street School.....	7	312	320	632	448	389	10	632	113	192	101	46	180	180	3	3	563	8	5	5	16
Walnut Street School.....	1	8	244	239	483	358	10	483	52	164	59	63	145	145	2	2	328	8	3	3	16
Thomas Street School.....	2	92	89	181	123	103	10	181	5	62	24	22	68	68	5	5	256	2	2	2	20
South Eighth St. School.....	6	313	274	587	365	315	10	587	9	170	88	67	253	253	5	5	1,112	6	5	5	12
North Seventh St. School.....	3	98	93	191	123	108	10	191	22	44	31	14	80	80	2	2	141	6	15	15	20
South Market St. School.....	8	281	319	600	455	393	10	600	17	239	119	83	142	142	11	11	1,759	9	4	4	12
Morton St. School.....	9	415	457	872	617	549	10	872	71	320	118	107	256	256	5	5	1,759	8	3	3	11
Eighteenth Avenue School.....	10	495	419	914	590	525	10	914	44	278	142	111	339	339	11	11	629	10	8	8	38
Elizabeth Avenue School.....	2	80	54	134	93	80	10	184	5	27	35	23	35	35	8	8	204	6	2	2	4
Central Avenue School.....	9	381	436	517	492	492	10	817	73	247	132	109	256	256	12	12	907	9	3	3	16
Total in Primary Schools.....	3	151	6,390	12,820	8,819	7,754	227	12820	1,319	3,851	2,020	1,455	4,020	4,020	176	15	10,130	155	89	169	393

*Total in Primary Schools.*

### TABLE G—Concluded.

NAME AND GRADE OF SCHOOL.	INDUSTRIAL SCHOOLS.																						
	No. of male teachers.	No. of female teachers.	No. of male pupils.	No. of female pupils.	Whole number of pupils.	Average number of regis-tered pupils.	Average daily attendance for the year.	Number of months the school has been kept open during the year.	No. of children bet. 5 & 18 years of age, enrolled in the school register during year.	No. who have attended 10 months, or more, during the year.	No. who have attended 8 months, but less than 10.	No. who have attended 6 months, but less than 8.	No. who have attended 4 months, but less than 6.	No. who have attended less than 4 months.	No. who have been pres-ent every school day during the year.	No. who have not been absent or tardy during the year.	No. of cases of tardiness during the year.	No. of different classes in school.	No. suspended or expelled during the year.	No. of visits by City Su-perintendent.	No. of visits by Commis-sioners.		
Colored School.....	1	2	108	108	216	150	117	10	216	55	43	32	40	46	7	1	476	3	....	10	11		
INDUSTRIAL SCHOOLS.	..	3	126	146	272	160	129	10	272	15	51	41	55	110	2	2	516	3	....	5	3		
James Street School.....	..	2	69	86	155	98	85	10	155	12	45	17	21	60	2	1	247	2	....	4	3		
Clover Street School.....	..	5	195	232	427	258	214	20	427	27	96	58	76	170	4	3	768	5	....	9	6		
Total in Industrial Schools	26	242	9,213	9,351	18,564	13,353	11,828	407	18,467	2,398	5,910	2,735	2,027	5,295	453	373	14,562	253	61	332	653		
Total in All Schools.....																							
EVENING SCHOOLS.																							
Lafayette Street School.....	6	2	209	52	261	181	139	3	....	....	....	....	....	....	....	....	....	....	7	4	3	4	
Morton Street School.....	8	3	410	107	517	390	286	3	....	....	....	....	....	....	....	....	....	....	10	..	5	..	
Central Avenue School.....	3	4	200	63	263	189	152	3	....	....	....	....	....	....	....	....	....	....	6	4	7	5	
Total in Evening Schools..	17	9	819	227	1,046	760	577	9	....	....	....	....	....	....	....	....	....	....	23	8	15	9	

PART IV.



REGULATIONS

OF THE

BOARD OF EDUCATION,

OF THE

CITY OF NEWARK, N. J.



# REGULATIONS

OF THE BOARD OF EDUCATION OF THE CITY OF NEWARK, RELATING TO THE ORGANIZATION OF THE BOARD, THE TRANSACTION OF BUSINESS, AND THE GOVERNMENT OF THE SCHOOLS.

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## I. FOR THE GOVERNMENT OF THE BOARD OF EDUCATION.

### MEETINGS.

1. The Board of Education shall meet in the usual place, on Wednesday next succeeding the first Tuesday after the first day of January, in each year, for the purpose of organization, at which time a President, Secretary, Assistant Secretary, City Superintendent, Superintendent of Erection and Repairs of School houses and Messenger, shall be elected for the ensuing year; but should no election of officers take place or be completed at that meeting, said election shall be in order at any regular, special or adjourned, meeting convened thereafter.

2. The chair shall be taken by the President, or a President *pro tem*. At the hour appointed for the meetings of the Board the roll shall be called, and the names of the members then present shall be recorded by the Secretary. The names of other members shall be recorded as they may afterwards appear. As soon as a quorum shall be present the Board shall proceed to business, and, after the organization, no member shall retire without the permission of the chair. Regular monthly meetings of the Board shall be held on the last Friday of each month. The hour of meeting shall be 8 o'clock P. M. during the year.

3. A quorum shall consist of a number of Commissioners greater by one than the number of wards in the city, but a smaller number

may meet and adjourn from time to time, and such adjourned meeting or meetings shall have the same character as the original meeting would have had.

4. Special meetings of the Board may be called by the President at any time when he shall deem it expedient, and shall be called by him when requested in writing by three members of the Board.

#### DUTIES OF PRESIDENT.

5. The President, or in his absence, the President *pro tem.*, shall preside at the meetings of the Board: shall preserve order and decorum in the meetings; may speak to points of order and decide all questions of order, subject to an appeal to the Board on motion of any member, regularly seconded; and no other business shall be in order till the question on the appeal shall have been decided. He may express his opinion on any subject under debate; but in such case he shall leave the chair, and shall not resume it while the same question is pending; but he may state facts, give his opinion on questions of order, and the reasons for any vote he may give without leaving his seat.

#### DUTIES OF SECRETARY.

6. The Secretary or the Board shall have the custody of the records, books and papers of the Board, and transfer them to his successor in office when his term of service shall expire. It shall be his duty to cause proper notice to be given of all meetings of the Board, attend them and keep full minutes of the proceedings, which, after approval, shall be duly recorded, without unnecessary delay, in the Book of Minutes. He shall notify the Chairman of every special committee appointed, stating the duties assigned, and the names of the members associated with him. He shall keep a full account of all moneys received, and of how the same are expended, and a separate account with each school, in order that the precise amount expended on each may be known; and shall perform such other duties as may be required of him by law, or by the Board; and his compensation for such services shall be as the Board may prescribe. The office of the Secretary shall be open from 8 A. M. until 5 o'clock P. M. each day.



He shall receive the returns of the Assessors of the lists of children capable of attending school in the several wards of the City of Newark, and shall transmit the same to the County Superintendent of Public Schools of Essex County.

He shall prepare, monthly, a schedule of the names of the teachers and janitors in the schools, and the amount of salary due to each; also, quarterly, the names of the persons to whom rent is due for school rooms, and the amount due to each, and transmit the same to the City Auditor of Accounts.

School Books, Maps, Stationery, and other supplies for the Public schools purchased under the authority of the Board, shall be under the charge of the Secretary of the Board; but whenever practicable the said books, maps and other articles shall be drawn directly from the contractors who furnish them, and delivered at the schools as they may be wanted for use.

All orders upon the Contractors shall be drawn by the Secretary of the Board, and approved by the City Superintendent, upon a written requisition of the Principal of the school to be supplied, a duplicate of such requisition being preserved in the order book of such school, and the receipt of the articles being duly certified on the original order by the Principal of the school, or in his or her absence by the assistant in charge. The Secretary shall register the purport of all his orders, and deliver to the Board a transcript thereof when required. The Secretary shall keep, in books expressly provided for the purpose, accurate accounts of all articles received from the contractors, and their cost; and shall charge to the account of each school the cost of each article supplied. He shall furnish the President, City Superintendent, and the Committees of the Board, whenever required, full statements respecting the expenditures of the schools.

#### DUTIES OF SUPERINTENDENT OF ERECTION AND REPAIRS.

7. The Superintendent of Erection and Repairs shall supervise the erection, repairs and heating, of School houses under the direction of the respective Committees having charge of the same, and shall personally execute such repairs as he may be called upon by the Committees to make. He shall act as Secretary of the Committees on School

Houses, Repairs and Heating, and keep a record of their proceedings, and shall perform such other duties as the Board or the three Committees named may require. He shall be present at the meetings of the Committee on Accounts, to give such explanation of bills coming under his supervision as may be needed. He shall be required to report at the Secretary's office each day, and shall spend his time there when not elsewhere employed. His compensation for such services shall be such as the Board shall from time to time prescribe.

#### DUTIES OF MESSENGER.

8. The duty of the Messenger shall be to distribute all notices to the members of the Board, Committees, or Teachers, under the direction of the President or Secretary; to be present at all the meetings of the Board; keep its hall and offices clean and in order, and perform such other duties as the Board may require; the compensation for his services to be such as may, from time to time, be prescribed by the Board.

#### DUTIES OF CITY SUPERINTENDENT.

9. It shall be the duty of the City Superintendent of Public schools—

To visit the schools as regularly and frequently as possible; to attend the annual examination; to see that the regulations of the Board of Education in relation to the schools are properly carried into effect; to report to the Board monthly the condition of the schools, with such suggestions for their improvement as experience and observation may dictate; and to perform such services in relation thereto as the Board may require.

To receive the reports of teachers and keep accurate statistics of the schools in a suitable book to be provided for that purpose; and to make out the Annual Report required by law.

To have a general supervision of the school houses, and to notify the Superintendent of Erection and Repairs, or the proper committee, in relation to necessary repairs; and perform such other duties as may be required of him by these or other regulations of the Board.

He shall devote his whole time to the discharge of his official

duties, and his compensation for such services shall be at the rate of twenty-two hundred and fifty dollars per annum.

#### STANDING COMMITTEES.

10. The President of the Board shall appoint the Standing Committees for the year, as follows :

1. Committee on Finance—five members.
2. Committee on Accounts—three members.
3. Committee on School-houses—five members.
4. Committee on Repairs—five members.
5. Committee on Heating—five members.
6. Committee on Teachers—seven members.
7. Committee on Normal School—five members.
8. Committee on High School—five members.
9. Committee on Evening Schools—three members.
10. Committee on Colored School—five members.
11. Committee on Text Books, Stationery and Course of Study—five members.
12. Committee on School Furniture and Supplies—three members.
13. Committee on Printing—three members.
14. Committee on Sanitary Regulations—three members.
15. Committee on Boundaries of Districts—five members.
16. Committee on Rules and Regulations—five members.

The President of the Board shall be *ex officio* a member of the Standing Committees of the Board.

#### RULES OF ORDER.

11. The regular order of Business at the meetings of the Board shall be as follows :

1. Calling the Roll.
2. Reading the Minutes.
3. Reception of Petitions and Memorials.
4. Presentation of Bills and Claims.
5. Reports of Standing Committees.
6. Reports of Select Committees.
7. Unfinished Business.
8. Miscellaneous Business.

The order of business may be suspended temporarily at any meeting of the Board, by a vote of two-thirds of the members present.

12. All motions and resolutions for the consideration of the Board shall be seconded, and, if required by the President or any member of the Board, be reduced to writing before the same shall be made the subject of debate; and when any such motion or resolution shall have been stated by the Chair, or read by the Secretary, it shall be deemed to be in the possession of the Board, but may be withdrawn by the mover at any time before the decision or amendment.

13. It shall be in order for a member at any time, when the attention of the Board is not occupied with other business, to rise for the purpose of making inquiries in regard to any subject connected with the affairs of the Board, and to receive answers thereto; but he shall not be permitted to make the subject of inquiry a matter of debate, except on a motion made and seconded, at an appropriate time, in the order of business.

14. When a member is about to speak in debate, or deliver any matter to the Board, or offer any motion or resolution, he shall rise from his seat and respectfully address himself to the President; shall confine himself to the question under debate, and avoid all indecorous language and personalities.

15. No member shall interrupt another who is in possession of the floor, without consent of the occupant, nor then, unless to correct a misapprehension or misrepresentation of his own argument.

16. No member shall speak more than twice on the same question, at any meeting, without permission of the Chair, nor shall a member occupy the floor more than ten minutes, at one time, without like permission.

17. If any member, in speaking or otherwise, transgress the rules of the Board, the President or any member may call him to order, in which case, the member so called to order shall immediately resume his seat, unless permitted to explain, and the Board, if appealed to, shall decide on the question without debate; if there be no appeal the decision of the chair shall be submitted to.

18. When a question is under debate no motion shall be received, except—

To adjourn,  
 To lay on the table,  
 For the previous question,  
 To postpone for a definite time,  
 To postpone indefinitely,  
 To commit,  
 To amend,

which motions shall have precedence in the order in which they are arranged. A motion to adjourn, to lay on the table, or for the previous question, shall be decided without debate.

19. The previous question shall be admitted only when demanded by one-third of the members present, and then shall be put in this form: "Shall the main question be now put?" and its effect shall be to put an end to all debate and bring the Board to a direct vote upon amendments reported by a committee, if any; then on pending amendments, and then upon the main question. All incidental questions of order, arising after the previous question has been ordered, shall be decided, whether on appeal or otherwise, without debate.

20. The yeas and nays shall be ordered on any question before the Board, on demand of three members.

21. The Board may form itself into a Committee of the Whole, in which case the President, first naming a chairman, shall leave the chair. The rules of the Board, so far as applicable (except as they may restrict members from speaking more than twice, or provide for the calling of the yeas and nays, or give precedence to the previous question, or allow a motion to adjourn,) shall be observed in Committee of the Whole; and a motion for the committee to rise may be made by any member at any time.

In all other respects the transaction of business, the deliberations and proceedings of the Board shall be conducted according to the usual rules of parliamentary law.

#### DUTIES OF STANDING COMMITTEES.

22. THE COMMITTEE ON FINANCE shall always have charge of the financial affairs, and supervise the accounts of receipts and disbursements of the Board; they shall prepare and report, from time to time, such estimate of the amounts required to meet the wants of the



schools, as may be necessary for the information of the Board or the Common Council of the City ; and present at each regular meeting a statement of the sums received and expended under the different heads of expenditure, from the commencement of the fiscal year to that time.

23. THE COMMITTEE ON ACCOUNTS shall receive and examine all bills and accounts referred to them by the Board, and, if satisfied of their correctness, shall so certify thereon and return the same to the Board at their next regular meeting after such reference, unless required by a vote of the Board to report thereon sooner. But no bill or account shall be so referred which is not endorsed by a majority of the committee under whose supervision the expense was incurred, and accompanied, if for supplies furnished, by the original orders ; and no bill or account shall be paid unless in fulfillment of special contracts, until the same shall have been so referred and certified. They shall also be charged with the duty of examining into the circumstances connected with all controverted claims, and reporting thereon to the Board.

24. THE COMMITTEE ON SCHOOL HOUSES shall have supervision of school sites and buildings, and shall be charged with the duty, after due examination, of recommending appropriate sites for Public School houses, and of preparing and submitting to the Board all necessary plans and specifications for the erection of such houses, extensions or additions, as shall be ordered by the Board, and shall cause all contracts for the performance of the work to be duly executed. They shall submit to the Board, for their approval or rejection, methods of heating new school houses, but the specifications and contracts for heating shall be under the direction of the Committee on Heating.

25. THE COMMITTEE ON REPAIRS OF SCHOOL HOUSES shall be charged with the duty of visiting and examining the school houses before the regular meeting in June of each year, and report to the Board the condition and wants of each for the ensuing year. They shall submit plans and specifications for any extraordinary repairs, and, under direction of the Board, shall cause all contracts for the performance of the work to be properly executed.



26. THE COMMITTEE ON HEATING shall be charged with the duty of providing all necessary stoves, furnaces and appliances for warming the schools which the Board may authorize; and under the direction of the Board, shall cause all contracts for supplying them with coal or other fuel to be properly executed. They shall at suitable seasons, by contract or otherwise, provide for cleaning, repairing and fitting up stoves and heating apparatus. They shall, through their Chairman, upon a written requisition of the Principal of the schools, supply orders for coal or other fuel, and keep a record of the same; a transcript of which he shall deliver to the Secretary of the Board monthly, specifying the schools to which such fuel has been supplied.

27. THE COMMITTEE ON TEACHERS shall, in connection with the City Superintendent, examine into the moral and intellectual qualifications of all applicants, and recommend to the Board, when needed, such as they deem qualified to teach in the Public schools. They, in conjunction with the City Superintendent, shall be authorized to employ assistant teachers temporarily, but every such temporary appointment shall be submitted to the Board for the approval or rejection at its next meeting; but such authority shall not warrant an increase in the number of teachers in any school, without the previous sanction of the Board; nor shall any teacher be appointed as Principal or Assistant in any Public school without a previous examination in the principal studies required to be taught therein. They shall examine into all the complaints against teachers that may be brought to their notice by the Commissioners of any ward, and report thereon to the Board whenever required; and, with the sanction of the President, may, in cases of emergency, suspend a teacher until the circumstances of the case may be acted upon by the Board, and shall perform such other duties as may be prescribed by the regulations or directed by the Board.

28. THE COMMITTEES ON NORMAL SCHOOL, HIGH SCHOOL, EVENING SCHOOLS AND COLORED SCHOOL shall be charged with the supervision of the peculiar interests of such schools, and shall carry out such directions respecting them as they may receive from the Board. They shall, from time to time, recommend such regulations for their management as they may deem advisable; and by personal inspection

and examination acquaint themselves with their true condition, and report thereon to the Board.

29. THE COMMITTEE ON TEXT BOOKS, STATIONERY AND COURSE OF STUDY, shall be charged with the duty of recommending, from time to time, such school books as they may think best adapted to the wants of the different schools, and all such maps, globes and other school apparatus as will afford the greatest facilities for developing the minds of the pupils. Under the direction of the Board they shall contract for such supplies of books, maps and stationery, and provide for their regular delivery by the contractors to the Secretary of the Board. Whenever they think it advisable they may, prior to the recommendation of any school book for acceptance, require the author or publisher to furnish each member of the committee with a copy for examination, but no vote shall be taken upon such recommendation until one month has elapsed, and no text books, intended to supersede any already in the schools, shall be introduced except at the commencement of each term. They shall have charge of the course of study in all the schools under the jurisdiction of this Board, and, from time to time, shall recommend to this Board such alterations and revisions of the course of study as they shall deem proper.

30. THE COMMITTEE ON SCHOOL FURNITURE AND SUPPLIES shall be charged with the duty of providing such school furniture as shall be ordered by the Board, and of obtaining such articles as pails, mats, cups, etc., as may be needed by the schools; and the articles or samples thereof shall be kept in the Depository of the Board of Education. All orders for such supplies shall be drawn upon the Secretary of the Board by the Principals of the respective schools.

31. THE COMMITTEE ON PRINTING shall be charged with the duty of contracting for and superintending the printing of all reports, documents, blank forms, etc., that may be specially ordered by the Board, or required in the transaction of the current business of the schools.

32. THE COMMITTEE ON SANITARY REGULATIONS shall be charge with the duty of suggesting, from time to time, any measures that they may deem necessary for the prevention of disease, and for the

promotion of the health of pupils and teachers in the Public schools, and shall investigate all complaints that may be made in regard to the sanitary condition of the schools and their surroundings.

33. The Committee on Boundaries of Districts shall be charged with the duty of examining into any changes in the boundaries of districts, and report the same with their recommendation at the next regular meeting of the Board. They shall be required to invite the Commissioners of wards affected by any proposed change to meet with them.

34. The Committee on Rules and Regulations shall be charged with the duty of examining all proposed new Rules and all amendments to existing Rules. All such proposed new Rules and amendments shall be referred to them, and they must report thereon in one month after such reference.

35. The duties of all committees are to be discharged without waiting for the direction of the Board, when the power is expressly given; but in all other cases no action of any committee is to be binding until reported to the Board and approved; and no expenditure exceeding twenty-five dollars (\$25) in any one month, shall be made for any one school, without such prior approval; and no member of the Board shall have any part in, or derive any pecuniary benefit, directly or indirectly, from any contract, agreement or purchase made by any committee of the Board. All reports of committees, recommending any action of the Board, shall be presented in writing and signed by the members of the committee who concur therein.

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## II. FOR THE GOVERNMENT OF THE SCHOOLS.

### TERMS AND VACATIONS.

36. The school year shall commence either on the last Monday in August or the first Monday in September as the Board may, from year to year direct, and shall continue (including the holiday vacation and one week that shall include the first day of April) until the Friday next preceding the Fourth of July.

The year shall be divided into three terms closing respectively on the day preceding Christmas; on the Friday next preceding the first day of April, and on the Friday next preceding the Fourth of July.

37. There shall be a vacation, or the schools shall be suspended, from Christmas to New Year's day inclusive; also one week, which shall include the first day of April, on the 22d of February, on Thanksgiving and Fast days appointed by the General or the State Government; and when any legal holiday shall occur on Thursday, the schools shall be closed on the following Friday. At no other time during the regular term shall the schools be closed, unless by a resolution of the Board of Education, or by the special consent of the President of the Board and City Superintendent of Public Schools.

38. The Public schools shall be open, during the regular terms, five days in each week, from Monday to Friday inclusive, and there shall be two sessions daily—a morning session from 9 o'clock A. M. to twelve o'clock M., with a recess of fifteen minutes near the middle of the session; and the afternoon session from half-past one o'clock to half-past three o'clock P. M., with calisthenic exercises in the school room near the middle of the session. This rule may be relaxed in the High school and Colored school, in which the noon recess may be shortened to half an hour, and the school dismissed at half-past two o'clock in the afternoon.

39. The daily sessions of the Primary Industrial Schools shall be as follows: A morning session from 9 o'clock A. M. to twelve o'clock M., and an afternoon session from one o'clock P. M. to half-past three o'clock P. M., unless otherwise ordered by the City Superintendent. Visitors for instruction in the Industrial Department may be admitted at such times as may be most convenient—the schools to be under the control of the teachers.

#### PRIMARY SCHOOLS.

40. Primary schools for the instruction of children of both sexes shall be maintained, wherein may be taught orthography, reading, writing, arithmetic, geography, drawing and vocal music. Boys over the age of ten years shall not be entitled to admission to the Primary schools, except by consent of a Commissioner of the ward for which



such school is established ; and no pupil shall be admitted who is under six years of age.

41. The Principals of the Primary schools shall (at the close of each term) present to such pupils in their respective schools as have made sufficient progress in their studies to merit such presentation, certificates of qualification for admission to a Public Grammar school.

#### GRAMMAR SCHOOLS.

42. Grammar schools shall be maintained under the charge of competent instructors, wherein may be taught, in addition to the studies prescribed for the Primary schools, grammar, history, composition and declamation. Such schools may have male and female departments under the charge of a Principal and such assistants as may be necessary ; or, at the discretion of the Board, the pupils of both sexes in any school may study and recite in the same room and to the same teacher ; and when deemed expedient by the Board the Principal shall be Principal of the whole school, including the Primary, if in the same building, or adjacent thereto, and shall be relieved of the duty of hearing any particular class recite ; but shall spend his time during the school hours in the supervision of all classes and departments of such school, and shall be responsible to the Board for its discipline and proficiency, and for the preservation of all school property under his charge.

43. Whenever the Primary schools in any district shall be sufficient for the accommodation of all the children of suitable age and progress, no pupil shall be admitted to the Grammar school in such district without a certificate of qualification from a Principal of a Primary school, or, if the applicant has not been in attendance at the Primary school, upon personal examination by the Principal of the Grammar school to whom application shall be made, who shall be satisfied that the pupil can read and write correctly short sentences in the English language, and has a competent knowledge of the primary rules of arithmetic.

44. Should any primary school be insufficient to accommodate all the children entitled to and applying for admission, while there is room for more pupils in the Grammar department in the same ward

or district, the Commissioners of the ward may relax the foregoing rule by admitting pupils of a lower grade into the Grammar department; and should the reverse be the case, the vacancies may be filled by keeping the pupils longer in the Primary school --the studies pursued shall determine the grade of the class.

45. No pupil shall be admitted to any Grammar school after the first month of the term shall have expired, unless he or she shall have moved into the district after that time, or have been prevented from attendance by personal sickness, or by sickness in his or her family.

#### EXAMINATION FOR ADMISSION TO HIGH SCHOOL.

46. The names of the pupils of the First grade in the Grammar schools shall be publicly announced at the close of each school year, in the rank of scholarship, which shall be determined by the Principal of each school, from the records of the recitations of the pupils during the year.

Lists shall be prepared and the rank of each pupil assigned, on the last Monday of each year; and the public announcement shall be made at the appointed for the distribution of the certificates of merit. The Principal of each Grammar school shall transmit such lists to the City Superintendent, on or before the last Wednesday preceding the examination of candidates for the High school, and shall give notice to such class of the time and place for such examination.

47. The annual examination for the admission of pupils to the High school shall be held in the month of June, in the High school building, under the direction of the City Superintendent of Public Schools. Applicants will be required to give answers to an average of seventy-five per cent. of all questions propounded.

48. Immediately after the examination of pupils for admission to the High school, the *number* of pupils from each school admitted and rejected, and the general average of the candidates from each, together with the names of the pupils *admitted*, their ages and respective averages, and the *average* of those rejected, may be published, under the direction of the City Superintendent, in two of the daily papers of this city.



49. No pupil who shall, upon due examination, receive a certificate of admission to the High school will be permitted to attend a Grammar school during the first year after the granting of such certificate, unless by a written order signed by the President of the Board of Education and the City Superintendent of Public Schools.

#### HIGH SCHOOL.

50. The Public High school shall be located in the High school building corner of Washington and Linden streets. It shall consist of a male and a female department, both of which shall be under the general government and discipline of one male Principal, with one male Vice-Principal, and such male assistants as may be necessary for the male department; and one female Vice-Principal with the necessary female assistants for the female department. The studies pursued in the High school may consist, in addition to the studies prescribed for the Grammar schools, of the elements of chemistry, physiology, astronomy, algebra, book-keeping, geometry, geology, drawing, and such other branches of useful knowledge, including the Latin, Greek, German and French languages and the higher mathematics, as the Board of Education may prescribe. Attention shall also be paid to gymnastic exercises for the purpose of developing the physical frame and promoting the bodily health of the pupils. The time of introduction and continuance of any study prescribed being discretionary with the committee on the High school, in conjunction with the President and City Superintendent.

51. The pupils of the High school shall not be less than eleven years of age, and shall be selected annually, during the month of June, from pupils in attendance at the Public Grammar schools. Proficiency in studies, regular attendance during one term in a Grammar school (unless prevented by sickness), and good conduct, shall be the requisite qualifications for admission to the High school. Whenever vacancies exist in the High school after all qualified applicants from the Grammar schools shall have been admitted, any other person of either sex, between the ages of eleven and eighteen years, who are residents of this city, may be received on passing a satisfactory examination in all the studies prescribed for the Grammar schools. The Colored school, in its relation to the High school and

for the purpose of furnishing candidates for admission thereto, shall be deemed and taken to be a Grammar school.

52. The annual examination for the admission of pupils to the High school shall be held as stated in Rule 46, but special examinations may be made under the same direction, at the commencement of any term, at which pupils from the Grammar schools, and other persons, between the ages of eleven and eighteen years, qualified for admission at that stage of the course, may be received; those prepared at the Grammar schools always having preference.

53. It shall be discretionary with the Committee on the High school, conjointly with the Superintendent, to re-admit to the High school former pupils who may have lost their membership by absence.

#### NORMAL SCHOOL.

54. A Normal school, for the improvement and education of teachers, shall be maintained in the High school building. The school shall be held on Saturday of each week during the regular terms of the Public schools, and shall commence at half-past eight A. M. and close at twelve o'clock M.

55. The Normal school shall be under the care and instruction of a Principal and such other teachers as may be necessary, who shall be appointed by the Board of Education, and shall be subject to the rules and regulations of the Board.

56. The Normal school shall consist of one grade, requiring one year to complete it. The studies pursued in this grade shall be as prescribed in the Manual of Instruction. Admission to the school will require a satisfactory examination in all the studies necessary for graduation from the High school.

57. A limited number of non-residents, desirous of becoming teachers in our Public schools, sustaining the required examination, may be admitted to the school under the direction of the Committee on Normal school by paying such tuition fee as may be established by the Board of Education.

All pupils upon entering the school will be required to sign a written declaration of intention to teach in the schools of this city if

desired. All subjects shall be taught with special reference to correct methods of instruction. The teachers will seek every opportunity of impressing upon the minds of the pupils the importance of knowing how to teach. The school shall be conducted in all respects as a model school, thus teaching by example as well as by precept. The pupils shall, under the direction of the regular teacher, conduct class exercise, and will be required to furnish a written composition once every two weeks.

58. The annual examination for the graduation of the pupils of the Normal School shall take place during the month of June, under the direction of the Committee on Normal School and the City Superintendent. Applicants for graduation shall sustain an average of seventy-five per cent. on the examination.

59. Each Candidate for graduation shall spend at least eight weeks of the Normal School year in the Training School as directed in Regulation 60, and while thus engaged, shall be subject to the same direction of the principal of the Training School as the class teachers under his charge.

60. The President of the Board of Education is authorized, after the examination and recommendation by the Committee on Normal School and City Superintendent, to grant certificates of qualifications to teachers. The Diploma of Graduation from the Normal School shall be deemed a certificate of qualifications to teach.

#### TRAINING SCHOOL.

61. The Committee on Normal school and the City Superintendent shall select one of the Public schools for a Training school. This shall be used for a Training or Practice school for the pupils of the Normal school, under the direction of the Committee on Normal school and the City Superintendent.

#### INDUSTRIAL SCHOOLS.

62. Primary Industrial schools may be established for poor and destitute children of both sexes, and of such ages as may be thought advisable to admit, for instruction in such studies and pursuits as may be deemed expedient; but no expenditure shall be made by the

Board of Education for such schools, except for educational purposes, as in other Primary schools; and this Board shall not pay more than two hundred dollars per annum on account of rent for any such school.

#### EVENING SCHOOLS.

63. Evening schools shall be maintained during such portion of the year as the Board may direct, for the instruction of apprentices and others who are unable to attend school during the day; and the studies prescribed for the Grammar schools may be taught in the Evening schools, with the addition of book-keeping, at the discretion of the City Superintendent. During their continuance the schools shall be opened five evenings in each week, from Monday to Friday inclusive; the sessions shall commence at seven o'clock P. M. and close at a quarter past nine. No pupil shall be admitted who is under fourteen years of age.

#### COLORED SCHOOL.

64. There shall be a Public school for colored children, under the charge of competent instructors, to which colored children of both sexes, residing within the city limits, will be admitted on application to the Principal. And the said school shall be conducted in conformity with these regulations, as far as they are applicable.

#### SCHOOL DISTRICTS.

65. The Public schools shall be designated by the names of the streets on which they are located, and their districts shall be as follows:]

The Burnet street Grammar school district shall be the First Ward, except that portion lying north of the M. & E. R. R. avenue, and that portion lying south of Lombardy street (continuing said line of Lombardy street to the river), and east of River street; also that portion of the Fifteenth Ward lying north of Nesbitt street, and east of Boyden street, together with that portion of the Second Ward north of Bank street.

The Burnett street Primary school district shall be that portion of the First ward lying south of the M. & E. R. R. avenue (except that

portion lying south of Lombardy street and east of Broad street), together with that portion of the Fifteenth ward lying north of Nesbitt street, east of Boyden street, and south of the M. & E. R. R. avenue.

The Market street Primary school district shall be the Second Ward.

The Washington street Grammar school district shall be the Third Ward together with that portion of the Second Ward south of Bank street.

The Washington street Primary school district shall be the Third Ward.

The Lawrence street Grammar and Primary school districts shall be the Fourth Ward together with that portion of the First Ward lying south of Lombardy and east of Broad street.

The Lafayette street Grammar and Primary school districts shall be the Fifth Ward; also that portion of the Twelfth Ward lying west of Ferguson street.

The Newton street Intermediate and Primary school districts shall be all that portion of the Sixth Ward lying east of Littleton avenue.

The South Tenth street Primary school district shall be all of that portion of the Sixth Ward lying west of Littleton avenue.

The Wickliffe street Primary school district shall be that portion of the Seventh Ward lying south of Warren street and east of Wallace place and Hudson street.

The Webster street Grammar school district shall be the Eighth Ward (excepting that portion assigned to the Central avenue school), together with that portion of the First Ward north of M. & E. R. R. avenue.

The Webster street Primary school district shall be the Eighth Ward (excepting the Woodside portion, and those portions of the Ward assigned to the State street and North Seventh street Primary school districts).

The State street Primary school district shall comprise those portions of the First and Fifteenth Wards lying north of M. & E. R. R.



and that portion of the Eighth Ward east of Chatham street and south of Seventh avenue to High street, thence south on High to Clay street, thence down Clay street to the river.

The Chestnut street Grammar school district shall be the Ninth and Fourteenth Wards.

The Chestnut street Primary school district shall be the Ninth Ward and that portion of the Fourteenth Ward lying south of Clinton avenue and east of Miller street.

The Oliver street Grammar school district shall be the Tenth Ward.

The Oliver street Primary school district shall be the Tenth Ward (except those portions assigned to the Walnut street and Thomas street schools).

The Walnut street Primary school district shall comprise that portion of the Tenth Ward lying northerly of the following streets: Commencing at the junction of Garden street and R. R. avenue, extending easterly along Garden street to Pacific street; thence along Warwick street to Jefferson street; thence south on Jefferson to Oliver street; thence easterly on Oliver street to Elm Road; thence along Napoleon street to Hamburg place. The district shall embrace both sides of the streets named in the Tenth Ward.

The Thomas street Primary school district shall be that portion of the Tenth Ward lying south of Tichenor street and shall also include the north side of Tichenor street.

The South Eighth street Grammar school district shall be all that portion of the Sixth Ward lying west of Morris avenue, together with the Eleventh Ward.

The South Eighth street Primary school district shall be the Eleventh Ward, except that portion lying north of Newark and Bloomfield railroad. It shall also include that portion of the Seventh Ward lying west of Wallace place and Hudson street.

The North Seventh street Primary school district shall comprise that portion of the Eleventh Ward north of Newark and Bloomfield



R. R. together with that portion of the Eighth Ward lying west of Chatham street and south of First avenue.

The South Market street Grammar and Primary school districts shall be the Twelfth Ward, except that portion lying west of Ferguson street.

The Morton street Grammar school district shall be the Thirteenth Ward, together with that portion of the Sixth ward lying south of the centre of Thirteenth avenue and east of the centre of Morris avenue.

The Morton street Primary school district shall be that portion of the Thirteenth Ward bounded as follows: commencing at the junction of Springfield and Belmont avenues, extending easterly to High street; thence southerly along High to Montgomery street; thence westerly along Montgomery street to Belmont avenue; thence northerly along Belmont avenue to place of beginning.

The Spruce street Intermediate and Primary school districts shall be that portion of the Thirteenth Ward not included in the Morton street school district.

The Elizabeth avenue Primary school district shall be that portion of the Fourteenth Ward not already apportioned to the Ninth Ward Primary school district, together with that portion of the Thirteenth Ward lying south of Avon avenue and east of Littleton avenue.

The Central avenue Grammar school district shall be the Seventh and Fifteenth Wards (excepting that portion comprised in the Burnet street district) together with that portion of the Sixth Ward lying north of Thirteenth avenue and east of Morris avenue.

The Central avenue Primary school district shall be those portions of the Fifteenth Ward lying south of the M. & E. R. R. avenue, west of Boyden street and south of Nesbitt; also that portion of the Seventh Ward lying north of Warren street.

#### TRANSFER OF PUPILS.

66. Children residing in one district may be admitted into the schools of another district only after obtaining the written consent of

a Commissioner of the ward in which the school is located to which they belong, and also a written order for admission from a Commissioner of the ward in which the school is located which they wish to enter; but that consent is not to be given until after due inquiry is made as to the reason for desiring a transfer, nor the order granted until it is ascertained that children can be properly accommodated in the desired school without inconvenience, and no order shall extend beyond the school year during which it is given.

Each Principal shall preserve, until the close of each school year, a "permit" from each child in his or her school residing outside of his or her school district, and such "permit" shall at all times be subject to the inspection of the City Superintendent or the Commissioners of the ward in which the school is located.

Children in the First Grade in the Grammar schools removing from one district to another may, during the school year, continue to attend the school which they have been attending previous to such removal, without special permission, unless their places are required for the accommodation of children residing in the district to which such school belongs.

#### OPENING AND CLOSING EXERCISES.

67. The daily morning session of all the Public schools which assemble during the day shall be opened, and the evening session of the Public evening schools shall be closed, with the reading of a portion of the Holy Scriptures, without note or comment, and the repeating of the Lord's Prayer. Exercises in vocal music may take place at the opening and closing of the school, and such exercises shall occupy no more than fifteen minutes.

#### DUTIES OF PRINCIPALS AND TEACHERS.

68. It shall be the duty of the Principals to receive into their respective schools all children entitled to admission by these Regulations; to cause them to be instructed faithfully in the studies pre-

scribed for said schools, and governed with moderation, propriety and justice ; to see that the school registers and records are kept carefully and accurately ; to make monthly reports to the City Superintendent of the time spent in actual teaching, and in supervising recitations conducted by class teachers, also the grade of each class in which time is so spent ; and to make such other reports in relation thereto, and at such times as may be required by the City Superintendent of Public Schools.

All Principals and class teachers are prohibited from receiving into their schools or class rooms, a greater number of pupils than there are regular seats in such schools or class rooms.

Previous successful vaccination, or other protection against small-pox, shall be an essential condition of admission to any of the Public schools. Pupils or teachers residing in any house in which any infectious disease, as small-pox, diphtheria, scarlet fever, measles, whooping cough, and the like, exists, shall be immediately suspended from school and shall not be re-admitted without a written "permit" from their family physician, or from a member of the Committee on Sanitary Regulations.

It shall be the duty of the teacher to require a strict compliance with these conditions.

69. It shall also be their duty, during school hours, and at other times, as much as possible, to prevent any injury to the premises occupied by the schools under their charge, respectively, or to the furniture, school books, etc., contained therein ; and any injury, wilfully or carelessly done by a pupil to the premises, the furniture, or the books, shall be paid for by the parent, in accordance with a bill, rendered therefor by the Principal of the schools ; if payment be refused the offender may be dismissed by the Commissioners of the ward. Such sums of money shall be accounted for at the close of the school year, or at such other time as may be directed by the Board, and shall be paid over to the Secretary for the use of the Board of Education.

The school houses shall be properly cleaned during the Summer vacation, under the personal supervision of the respective Principals.

70. The teacher shall carefully impress upon the pupils the import-

ance of punctuality, regularity and cleanliness. No pupil shall be received into any class unless personally clean.

71. The teachers shall occupy themselves during school hours with the legitimate business of the school, and no teacher shall connect himself with any organization, or engage in any business which, in the opinion of the Board of Education, may interfere with the proper discharge of his duties as prescribed by these regulations. All the time between fifteen minutes before nine o'clock in the morning and the close of the regular school day, except noon intermission, shall be devoted exclusively to the interest of the Board; miscellaneous reading, writing, working, etc., are prohibited. Teachers shall see that the furniture and apparatus of their respective class rooms are not marred during recess.

#### SALARIES OF TEACHERS.

72. The salaries of teachers in the Public school shall be in accordance with schedules that may, from time to time, be prescribed by the Board of Education, and no schedule adopted shall be changed, excepting at the commencement of the school year, and after such notice and action as are prescribed by Rule No. 95.

All teachers in the employ of the Board will be required to give at least one month's notice of intention to resign, in default of the same they shall be liable to forfeiture of one month's salary.

Salaries paid shall be for services actually rendered, by the consent and under the authority of the Board of Education; and all engagements with teachers shall be made with reference to the "school year" included between the first of September and the last day of June following. Salaries shall be paid monthly, beginning with the month of September and ending with June, making ten payments each year. If any teacher shall enter upon or leave the employ of the Board during the time intervening between any two payments, the salary paid to such teacher shall be in proportion to the salary for that period as the number of days of actual service bears to the whole number of school days in such period, and all deduction from salaries on account of absence shall be upon the same basis.

The annual increase in teacher's salaries shall be determined by the date of the original appointment. Promotions of assistant teachers will be regarded as new appointments.

#### ATTENDANCE OF PUPILS.

73. No pupil shall enter the school later than fifteen minutes after the hour of commencement, excepting pupils in the Evening schools, who may be admitted until half-past seven o'clock, P. M., and punctual attendance shall be enforced by suitable discipline. Every school book must be neatly covered with cloth and returned when the pupil leaves school.

74. When any pupil shall have been absent from school two consecutive days, the Principal or class teacher shall personally inform the parents or guardian of the fact, unless the Principal has satisfactory information that such absence is caused by sickness.

#### SUSPENSION OF PUPILS.

75. When the absence of any pupil shall have amounted to ten days (or evenings, in the Evening schools) during the term, he or she shall be dismissed from school during the remainder of the term, unless it shall be shown, to the satisfaction of the teacher, that the pupil has been sick, or has been detained by sickness in his or her family.

The Principal shall have power to suspend for other causes and shall report the same without delay to the Commissioners of Public schools residing in the ward or district in which the school is located, and, also (except in case of permits) the Commissioners of the ward of which the pupil is a resident, who shall investigate the facts, and confirm or remove the suspension.

Suspensions in the High school, Colored school and Evening schools shall be reported, without delay, to the Standing Committees on such schools respectively, who shall investigate the facts, and confirm or remove the suspension.



## DETENTION OF PUPILS.

76. Pupils deficient in their lessons, disorderly in their deportment, or late in their attendance, may be detained, not to exceed one hour, after the dismissal of the school in the afternoon, and during that time shall remain under the personal supervision of their respective teachers; no such detention shall take place during the intermission at noon, and no pupil shall be deprived of a forenoon recess.

## PREPARATION OF LESSONS OUT OF SCHOOL.

77. No pupil in any Primary school, or in the fourth grade in Grammar schools, shall be required to learn *any* lesson out of school, and no pupil in the High school, or in the first, second and third grades in the Grammar schools, shall be required to learn more than one lesson each day out of school hours, nor shall any pupil be allowed to take from any school building any books, slates, maps, etc., except such as may be necessary for the purpose before mentioned.

## TIME OF OPENING SCHOOL, TARDINESS AND ABSENCE OF TEACHERS.

78. It shall be the duty of all teachers to be present in their respective school rooms fifteen minutes prior to the opening of the morning and ten minutes prior to the opening of the afternoon sessions, and to be punctual in the discharge of all their duties, and in inclement and unpleasant weather to admit the children into the school rooms at least fifteen minutes before the school hour arrives. The teachers in the Evening schools shall be present in their respective class rooms ten minutes before the school hour arrives. The Principal of each school—including evening schools—shall keep an accurate register of the absence and tardiness of the teachers in such schools, including that of the Principal, and report to the City Superintendent, at the end of each year, the number of times and hours that each has been absent with permission, and also the number of times and hours that each has been absent without permission.



79. It shall be the duty of the Principal, as often as the number of tardy marks of any teacher shall amount to *five*, unless in the judgment of the Principals such marks were unavoidable, to report the name of such teacher to the Superintendent, who shall deduct for each five times tardiness one-half day's salary of such teacher or teachers. Teachers shall mark their time according to the school clock, as regulated by the Principal.

The register and other records of the Public schools shall be kept at all times in the school rooms.

80. No teacher shall be absent from the school during school hours, unless by permission of the Superintendent or a Commissioner of Public schools of the ward in which the school is located.

#### FORFEITURE OF SALARY.

81. Teachers of Public schools detained from school by sickness or any other cause, shall immediately notify the Principal, and he shall, when such absence exceeds one day, notify the City Superintendent, who, when he shall judge it to be for the interest of the school, shall appoint a substitute to discharge their duties during such absence.

All teachers when absent from school duty, except from sickness, shall forfeit their salary during such absence, and the pay of the substitute (if one shall be appointed) shall be in the High school at the rate of \$1.50 per day; in the Grammar schools at \$1.25, and in the Primary schools at one dollar per day for females; for males in either school, at the rate of \$3 per day, and for Normal and Evening schools \$1 per session.

All teachers may appeal to the Committee on Teachers for relief from such forfeiture when having excuses which they think sufficient to warrant such absence, and the Committee may relieve them therefrom at their discretion.

The Public school teachers may be permitted to visit other schools than their own, whenever the City Superintendent shall judge it to be promotive of the welfare of the schools of the city, without forfeiture of salary.

Teachers absent on account of sickness, whenever such absence

does not exceed five days in any two months, shall receive their salary for the full time, out of which such teachers shall pay his or her substitute at the prescribed rate. If the time of such absence exceeds five days in any two months, the salaries of such teachers shall be deducted for the time, and the secretary shall pay the substitute as required.

#### RELATIONS OF PRINCIPALS AND ASSISTANTS.

82. The Principals in the several grades of the Public schools shall be responsible for the government of the schools. Each school shall be arranged in classes appropriate to the studies pursued in the school, and a portion of the classes shall be assigned to each assistant teacher for instruction. Each class in the Grammar Department shall be subjected to a written examination once in each term in all their principal studies and a record of the per centage of each pupil shall be preserved for the inspection of the City Superintendent or the Commissioners of the Ward. The questions for such examination shall be prepared by the Principal. In the absence of the Principal the government shall devolve upon the Vice-Principal, or First-Assistant if there be no Vice-Principal.

83. The assistant teachers shall be under the control of the Principal in regard to the studies, discipline and management of their respective classes in the school room, and shall also render him such assistance in the halls, courts and yards pertaining to the school building during recesses and intermissions as he may judge necessary to give efficiency to the school, and to secure correct deportment of pupils while upon the school premises; and he may require his assistants to remain after school hours, not to exceed once in each week, for the purpose of instruction and conference in relation to the interests of the school. The Principal will at all times be careful to support and strengthen the authority of the assistant teachers over the pupils whose instruction is committed to them. Any proceeding on the part of any assistant teacher which the Commissioners of the Ward—or with reference to the teachers in the High school and Colored school—the Committees on said schools, in connection with

the City Superintendent, may consider calculated to weaken the influence or subvert the authority of the Principal, shall be deemed sufficient cause for immediate suspension and dismissal.

#### CORPORAL PUNISHMENT.

84. Corporal punishment may be inflicted for wilful insubordination, by the Principal alone, who shall preserve a record of each instance of such punishment, with a statement of the offence for which the punishment was inflicted, which shall be at all times accessible to the Superintendent or any member of the Board—and in no case shall any assistant teacher strike a child. The assistant teachers will strive to discipline their classes so as to avoid the necessity of any unfavorable report to the Principal.

#### AUTHORS, BOOK AGENTS, ADVERTISING AND VISITORS.

85. Authors and book agents will not be permitted to visit any school for the purpose of recommending or exhibiting any school books, maps, or other school apparatus.

86. Teachers shall not distribute bills or advertisements, or give notice to the pupils under their charge of any show or exhibition; and they must, if possible, prevent its being done on the school premises.

87. All visitors must be received by the respective Principals of each school, and are requested not to address the pupils, or visit the class-rooms of the assistants, unless invited by the Principals or school officers.

#### APPOINTMENT AND DUTIES OF JANITORS.

88. Janitors shall be appointed by the Commissioners of the respective wards, and districts, and in the case of the High school and Colored school, by the Committees on such schools.

It shall be the duty of the Janitors to sweep and dust the school-

rooms daily, to make fires, and extinguish them when directed; scrub the school-rooms as directed—not to exceed four times a year—and stairs, halls, and wardrobes, as often as directed—not exceeding once a week in Winter or twice a month in Summer. And the Janitors shall remain on the school premises during the noon intermission.

School-rooms to be whitewashed and cleansed when required—at least once a year. Out-houses or water closets to be kept clean, and frequently whitewashed.

Cellars, basements, courts, sidewalks and yards, including the front yards, to be kept neat and clean, and all snow to be removed from sidewalks in front of school yards, in accordance with the city ordinance, and walks in the yards to be cleaned and shoveled as directed.

Janitors shall furnish all brooms, dusters, dust-pans, brushes, etc., at their own expense, and shall be under the immediate supervision of the Commissioners and Principals of their respective wards; and their compensation shall be such as may, from time to time, be fixed by the Board.

It shall be the duty of the Janitors in cold weather, to use every means to prevent the steam pipes, radiators, etc., from being damaged by frost. At the expiration of the school hours on Friday, the slides in cold-air boxes and also the cold-air dampers and registers, should be closed and not re-opened until Monday morning. The fires should be drawn on Saturday, and the grate-bars cleared of clinkers and the fires immediately rebuilt, and such moderate circulation kept up as will prevent freezing.

Broken windows or other openings where cold air may penetrate, should be immediately reported at the office of the City Superintendent for repairs.

Damages resulting from a non-observance of these rules or from other unjustifiable causes, will subject the Janitor to dismissal.

#### USE AND INSURANCE OF SCHOOL HOUSES.

89. The public school houses owned by the city shall be used for no other purpose than such as may be immediately connected with

public school instruction, unless by permission of the Board of Education. It shall be the duty of the President and Secretary of the Board to effect insurance for a reasonable amount upon the public school houses, school books and furniture.

#### TEACHERS' MONTHLY INSTITUTE.

90. It shall be the duty of all teachers in the employ of the Board—except such as may be for the time employed in the Saturday Normal School—to meet at the High School building on the third Saturday of each month (except the months of July and August), and they shall spend a half day at each session in the proper business of a Teachers' Institute of Instruction. Absence from Institute will be regarded as absence from school duties.

The meeting shall be under the general direction of the City Superintendent, who shall be present, and shall keep a record of the attendance and report the same to this Board. Sessions to commence at eight and a half o'clock A. M. and close at twelve M.

#### EXAMINATIONS.

91. Examinations of the public schools shall be held under the direction of the City Superintendent as follows: During the Winter term of the High and Grammar schools, in spelling, reading, writing, declamation and composition; examination in other studies pursued in said schools shall be held during the Summer term.

During the Autumn term the Primary, Evening, Industrial and Colored Schools shall be examined in all the branches taught therein.

#### RECORDS OF ATTENDANCE, ETC., YEARLY TESTIMONIALS AND MONTHLY CERTIFICATES.

92. Records of attendance, scholarship and deportment, shall be kept in all the Public Schools, in a manner prescribed by the City Superintendent, which shall be uniform in all schools of the same grade.

At the close of each *school year*, all pupils in the High, Grammar and Primary schools who have not been *voluntarily tardy* nor *absent*



more than *ten* days during the *year*, and *that* on account of personal sickness, or sickness or death in the family of which the pupil is a member, and whose record shall show an average of ninety-five per cent. for the year, shall receive testimonials for "DISTINGUISHED MERIT."

93. Monthly certificates of approbation shall be awarded to pupils in the Grammar and Primary schools on the following basis :

The punctuality must be 100 per cent.—no tardiness will be excused. A pupil may be *excused* one day in each month for *sickness only*.

A pupil, if absent one day for sickness, will be marked 95 per cent. ; if absent one-half day,  $97\frac{1}{2}$  per cent. in attendance. Such absence does not affect his per centage for scholarship or deportment ; for in such case the sum of the credits for the month will be divided by 19 or  $19\frac{1}{2}$  instead of 20.

In scholarship and deportment the pupil must receive 95 per cent. to entitle him to a certificate.

Pupils transferred from one school to another during the year will take with them a certificate of their record from the school they leave.

In estimating attendance, no absence or tardiness—*except from sickness*—will be excused.

94. On extremely stormy days, or on days when the streets are greatly obstructed with snow, the President of the Board and the City Superintendent may order all marks for absence in all the schools to be cancelled, of which due notice shall be given in two newspapers on the Saturday next succeeding such action.

#### PAYMENT OF DRAFTS.

95. No draft shall be drawn upon the Treasury of the city of Newark, by the President and Secaetary of the Board of Education, except to the order of the person or persons legally entitled to the proceeds thereof, nor unless the same has been duly authorized by the said Board of Education ; and the purpose for which the same is

drawn shall be stated in the margin of the book from which the drafts are issued. The salaries of teachers and officers, rent of school rooms and insurance, shall be payable without a special order of the Board.

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### III. ALTERATIONS AND AMENDMENTS.

96. These regulations may be altered or amended by the Board of Education ; but no alteration or amendment shall be adopted except by a vote greater by one than the number of wards in the city, at a regular monthly meeting, at least four weeks after the alteration or amendment has been proposed in writing.

# Supplement to the Regulations.

CONTAINING RESOLUTIONS, ETC., PASSED BY THE  
BOARD OF EDUCATION DURING THE PAST  
YEAR, HAVING SPECIAL BEARING  
UPON THE SCHOOLS.

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*June 29, 1877.*

1. RESOLVED, That no Grammar Class shall have less than 40 pupils.

*September 28, 1877.*

2. WHEREAS, It is the design of this Board to furnish the pupils of the Public Schools with all necessary books, slates, etc., for their use in schools; therefore be it

RESOLVED, That no principal or teacher be allowed to sell a pupil any book, slate or other article of stationery—or compel them to provide them except when the same is to replace articles destroyed or damaged by the pupils.

*October 25, 1877.*

3. RESOLVED, That a tuition fee of Five (\$5.00) Dollars per term be charged for non-resident pupils of the Saturday Normal School, (that amount being about the actual cost per pupil per term), to be paid in advance and to be collected by the City Superintendent of Public Schools.

*November 30, 1877.*

4. RESOLVED, That all new appointments of teachers be tempo-

rary until the Committee shall be satisfied with the success of the appointees.

*January 25, 1878.*

5. RESOLVED, That the City Superintendent be directed to require from the Principal of each school a monthly report, giving the condition of each class as to enrollment, attendance, tardiness, punishment, etc., also the attendance, tardiness, etc., of the teachers; the reports to be kept on file in his office for the use of the Board of Education.

# Index to Regulations.

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NOTE.—In the following index the numbers where preceded by the word “Sup,” refer to the Supplement, in all other cases they refer to the Regulations proper.

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